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COPIOUS

TRIGONOMETRICAL TABLES,

SHEWING THE RESULTS IN ALL CASES OF

PLANE TRIGONOMETRY,

BY INSPECTION.

INTENDED TO COMPLETE THE

REQUISITE TABLES

TO THE

NAUTICAL ALMANACK;

AND AS A

NECESSARY COMPANION

TO THE

THEODOLITE.

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INTRODUCTION.

THE Commercial part of the Britiſh Empire, which, indeed, is the greater part, is highly indebted to the Men of *eminence* and *learning* of the laſt Century, for their excellent Productions, which laid the Foundation of the Science of Navigation; and our praiſes are equally due to the towering Geniuſes of the preſent Age who have ſo *ſucceſsfully* applied their indefatigable Labors, in reducing thoſe fundamental Principles to familiar Rules.

THE ample Attention of the Commiſſioners of Longitude in publiſhing thoſe Rules, with the Nautical Almanack and Tables requiſite thereto, together with the Improvement in the Manufacturing and Management of the neceſſary Inſtruments, hath at length rendered that moſt difficult and moſt important Problem for finding the Lon-

gitude at Sea, equally eaſy and familiar with the more ſimple and common Problems of Navigation.

THE Means thus attained of finding the true Situation of a Ship as often as it is convenient to make Obſervations for that Purpoſe, gives frequent opportunities of correcting the Ships Journal deduced from her Courſe ſteered by the Compaſs, and Diſtance run by the Log.

NAVIGATION arrived to this State of Perfection, it becomes unneceſſary to ſay more upon the Subject, unleſs whilſt adhering to the ſame Principles, our Endeavours may tend to a greater Accuracy, or to ſave Trouble and Time to the Practitioner.

THE conſtant Intercourſe the Author of theſe Tables has had with Gentlemen of the Navy, as well as his frequent Occaſions to put the Rules of Navigation in practice, hath pointed out the Utility of the preſent undertaking.

THE

THE uſefulneſs of the Traverſe Table even in the contracted form it is given in moſt Books of Navigation is already ſufficiently acknowledged, but it has often been lamented that the neceſſary Attention paid to the Literal part of thoſe Publications has ſuffered too many Inaccuracies to be retained in the Tables.

THE moſt valuable Work of this kind is included in MR. WALES's laſt Edition of ROBERTSON's *excellent* Treatiſe wherein the Diſtances are given to 120, and the Angles to every Quarter of a Degree and Quarter-point.

THE Improvement neceſſary to thoſe Tables is to extend the Diſtance to a ſufficient Length for a Days run for the purpoſes of Navigation, and in the firſt to give the Angle in ſuch Quantity as will beſt admit of Subdiviſion. In the preſent, therefore, the Diſtances are given to 300 in both Tables, and the Angles to every ten Minutes in the Firſt.

As it is the Hope of every Author to gain the Approbation of the Public, ſo he ought to be equally ſolicitous to avoid Detraction; yet as Truth is the Object of every Mathematical enquiry, ſo the Detection of Error is a Duty we owe to every one who may chance to fall into it; and in this point Infallibility is not expected even from the greateſt Ability and utmoſt Care.

In pointing out the Faults, therefore, of the Traverſe Tables contained in the above Treatiſe, it is not intended to aim at Cenſure of the *ingenious* Author or *ſkillful* Editor, but to increaſe the Value of the Book, by ſhewing where Correction may take place.

The Difficulty of avoiding Errors of the Preſs, in Works of this nature, is only known to thoſe who have the Reviſal; reſting then on that which is the natural Claim of a Publiſher, the Author in the preſent Caſe pledges himſelf to an Exertion of his beſt Endeavours to deſerve it.

DESCRIPTION

DESCRIPTION AND USE

OF TABLE I.

TABLE the firſt is a general table of the ſides and angles of plane, right angled, triangles, in two hundred and twenty-five pages, each containing one degree in ſix double columns for every ten minutes of the quadrant. Each page contains ſixty lines, therefore as the diſtance in the firſt column is continued to three hundred, the ſame degree at the head of the page is repeated in five following pages, then the next degree is at the head of the next five following pages and ſo continuing to five and forty degrees, then beginning at the bottom and proceeding backwards, the forty-ſixth degree is found at the bottom of the five returning pages and continues ſo to ninety degrees.

The firſt column of every page contains the diſtance a ſhip hath ſailed by the log; and L and D at the head of the other columns ſignifies the latitude and departure ſhe hath made correſponding with the courſe ſteered by the compaſs. at the top of the pages in degrees, and at the head of every column in minutes and the ſame is to be underſtood of the degrees and minutes, at the bottom of the returning pages, when the angle of the ſhips courſe is more than forty-five degrees, obſerving that the L and D for latitude and departure are found under the contrary columns from what they were at the top of the page.

When

When this Table is uſed for the purpoſes of Trigonometry the firſt column of every page repreſents the Hypothenuſe or longeſt ſide of a right angled triangle, the columns L taken at the top contains the length of the longeſt leg of the triangle, and the columns D at the top the ſhorteſt leg, the ſmalleſt angle is found at the top of the page, and the complement thereto, or the greateſt angle at the bottom.

Examples of the Uſe of this Table in all the Caſes of Plane Trigonometry, Rectangular.

C A S E I.

Given { The Hypothenuſe AC = 246 / The Angle A = 26° } Req. { The Baſe AB. / The Per. BC.



Seek for one of the five pages where 26° is at the top, and chooſe that wherein 246 is found in the firſt column, then under 10' and againſt 246 I find under L 220,79 the longeſt leg AB, and under D 108,48 the ſhorteſt leg BC, the other angle C of the triangle is found at the bottom 63° 50'.

C A S E II.

Given { The Angle C = 63° 50' / The longeſt Leg AB = 108,48 } Req. { The Hyp. AC. / Short Leg. CB.

63° being greater than 45°, I ſeek for it at the bottom, and in one of the five pages over 50' I find 220,79=AB under L; and againſt it under D is 108,48=CB alſo in the firſt columns is 246=AC.

CASE

CASE III.

Given { The Angle A = 26° 10' / The ſhort Leg BC = 108,48 } req. { The Hyp. AC. / Longeſt Leg AB.

Seek as before for 26° on the top, and under 10' in the column D find 108,48 = CB, againſt it under L, is 220,79 = AB, and in the firſt column is 246 = A C.

CASE IV.

Given { The Hypothenuſe AC = 246 / The longeſt Leg AB = 220,79 } req. { Angles A & C / Short Leg CB

As the angles are not given in this caſe, it requires ſome conſideration to know what part of the table to apply to, but this difficulty may be over come by the following obſervation, if the Hypothenuſe and the given longeſt Leg are nearly equal, the reſult will be found in the beginning of the table, and the more they differ the more you muſt advance in it, looking againſt 246 in the firſt column until the given Leg A B is found in one of the columns oppoſite thereto under L, againſt it under D is 108,48 = BC, at the top of the page is 26°. 10' ang le A, and at the bottom is 63° 50' = angle C.

CASE V.

Given { The Hypothenuſe AC = 246 / The ſhort Leg CB = 108,48 } req. { Angles A and C / Long Leg A B

The ſame conſideration is neceſſary in this caſe as in the laſt, only if the Hypothenuſe and given Leg are extremely different, they will be found in the beginning

of the table, and the nearer they are alike the further you muſt advance, looking under D againſt every 246 of the firſt column until the given ſhorteſt Leg is found even with it, then under L is the longeſt Leg 220,79 = A B and the angle A = 26°. 10' and C = 63°. 50' as before.

C A S E VI.

Given { Long Leg AB = 220,79 / Short Leg CB = 108,48 } req. { The Hyp. AC / The Angles A & C.

If the given Legs are extremely different the reſults will be found in one of the pages in the beginning of the table, if they are nearly equal, they are at the latter end of the table, or if the one given Leg is about half the other, they are in the middle of the table; in the preſent caſe, I ſeek therefore about the middle of the table ſuppoſe at 20° or 19° 60' under L for 220,79 the neareſt number I can find is 220,83 and againſt it is 80,37 under D but 80,37 is not ſo large as 108,48 I therefore conclude it is farther in the table — advancing therefore in the pages I try under 25° or 24° 60' the neareſt to 220,79 is 220,23 and againſt it is 102,70 which is yet too ſmall, but proceeding further at laſt under 26°.10' is 220,79 and 108,48, therefore the angle A is 26°.10' and the angle C taken at the bottom of the page is 63°.50' alſo againſt the numbers found, there is in the firſt column under diſtance 246 which is the Hypothenuſe A C.

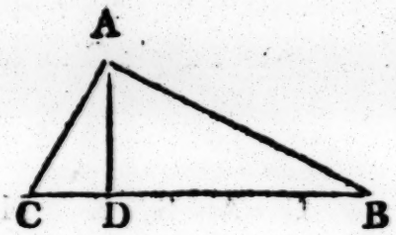
Examples

Examples of the Uſe of the Table in the three Caſes of Oblique Trigonometry.

CASE I.

Given { One ſide AB of an Oblique Triangle = 110
also another ſide AC = 40
and one Angle ABC oppoſite to one of them = 19°.30'

Required the third ſide B C and the other angles.



Firſt. Let fall a perpendicular A D then there are two right angled triangles A D B and A D C. In the firſt there is given the Hypothenuſe A B = 110 and the angle B = 19°.30' to find A D and D B, which by the firſt caſe of rectangled triangles will be found to be A D=36,72 and D B=103,68. Then in the ſecond triangle ADC there is given the Hypothenuſe AC and the perpendicular AD to find the baſe CD and the angle C which by the fourth caſe for rectangled triangles will be found CD = 15,74 and angle C = 66°.50'. Then B D + D C = B C = 119,42 the required ſide of the triangle, and 180° — angle B — angle C = angle A = 93°. 40°. wherefore all the triangle is determined.

CASE

CASE II.

Given { One ſide BA = 110, another ſide BC = 119,42, & one angle B included = 19°.30' } to find { the 3d ſide AC & Angles A & C

Let fall a perpendicular AD and find AD = 36,72 and BD = 103,68 as in the laſt caſe, then BC — DB = DC = 15,74. Then in the right angled triangle ACD there is given the perpendicular AD = 36,72 and the baſe DC = 15,74 to find the angle C and the ſide AC, which by the ſixth caſe for rectangled triangles will be found AC = 40 and angle C = 66°.50' as required.

CASE III.

Given { The ſide AB = 110, The ſide BC = 119,42, The ſide AC = 40 } required all the angles A, B & C

Let fall a perpendicular as before, and take ſquare of AB = 12100 and ſquare of AC = 1600, then 12100—1600 = 10500 which divided by BC = 119,42 gives 87,93 the difference of BD and DC by a well known property of triangles. But BD + DC = BC = 119,42 the ſum of the ſegments BD & DC, and their difference BD — DC = 87,93 wherefore half the ſum, and half the difference being added gives BD = 103,68 and ſubtracted leaves DC = 15,74. Then there is given in the right angled triangle ADB the Hypothenuſe

AB

AB =110 and the baſe BD = 103,68 to find the angle B which by caſe fourth for rectangled triangles is 19°.30'. Again in the triangle ACD there is given the Hypothenuſe AC= 40 and the baſe CD = 15,74 to find the angle C which by caſe the fifth will be found=66°.50'. Then 180° — angle C — angle B = angle A = 93°.40' as required.

TABLE I.

WHEREIN THE DISTANCE IS

EXTENDED

To THREE HUNDRED,

AND THE ANGLES SHEWN TO EVERY TEN MINUTES

OF THE

QUADRANT.

'	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	1.00	0.00	1.00	0.01	1.00	0.01	1.00	0.01	1.00	0.01	1.00	0.02
2	2.00	0.01	2.00	0.01	2.00	0.02	2.00	0.03	2.00	0.03	2.00	0.03
3	3.00	0.01	3.00	0.02	3.00	0.03	3.00	0.03	3.00	0.04	3.00	0.05
4	4.00	0.01	4.00	0.02	4.00	0.03	4.00	0.05	4.00	0.06	4.00	0.07
5	5.00	0.01	5.00	0.03	5.00	0.04	5.00	0.06	5.00	0.07	5.00	0.09
6	6.00	0.02	6.00	0.03	6.00	0.05	6.00	0.07	6.00	0.09	6.00	0.10
7	7.00	0.02	7.00	0.04	7.00	0.06	7.00	0.08	7.00	0.10	7.00	0.12
8	8.00	0.02	8.00	0.05	8.00	0.07	8.00	0.09	8.00	0.12	8.00	0.14
9	9.00	0.03	9.00	0.05	9.00	0.08	9.00	0.10	9.00	0.13	9.00	0.16
10	10.00	0.03	10.00	0.06	10.00	0.09	10.00	0.12	10.00	0.15	10.00	0.17
11	11.00	0.03	11.00	0.06	11.00	0.10	11.00	0.13	11.00	0.16	11.00	0.19
12	12.00	0.03	12.00	0.07	12.00	0.10	12.00	0.14	12.00	0.17	12.00	0.20
13	13.00	0.03	13.00	0.07	13.00	0.11	13.00	0.15	13.00	0.19	13.00	0.22
14	14.00	0.03	14.00	0.08	14.00	0.12	14.00	0.16	14.00	0.20	14.00	0.23
15	15.00	0.04	15.00	0.09	15.00	0.13	15.00	0.17	15.00	0.22	15.00	0.25
16	16.00	0.05	16.00	0.09	16.00	0.13	16.00	0.19	16.00	0.23	16.00	0.26
17	17.00	0.05	17.00	0.10	17.00	0.14	17.00	0.20	17.00	0.25	17.00	0.29
18	18.00	0.05	18.00	0.10	18.00	0.15	18.00	0.21	18.00	0.26	18.00	0.31
19	19.00	0.06	19.00	0.11	19.00	0.16	19.00	0.22	19.00	0.28	19.00	0.32
20	20.00	0.06	20.00	0.12	20.00	0.17	20.00	0.23	20.00	0.29	20.00	0.34
21	21.00	0.06	21.00	0.12	21.00	0.18	21.00	0.24	21.00	0.31	21.00	0.37
22	22.00	0.06	22.00	0.13	22.00	0.18	22.00	0.26	22.00	0.32	22.00	0.38
23	23.00	0.07	23.00	0.13	23.00	0.19	23.00	0.27	23.00	0.34	23.00	0.40
24	24.00	0.07	24.00	0.14	24.00	0.20	24.00	0.28	24.00	0.35	24.00	0.42
25	25.00	0.07	25.00	0.14	25.00	0.21	25.00	0.29	25.00	0.37	25.00	0.43
26	26.00	0.08	26.00	0.15	26.00	0.22	26.00	0.31	26.00	0.38	26.00	0.45
27	27.00	0.08	27.00	0.16	27.00	0.23	27.00	0.32	27.00	0.40	27.00	0.47
28	28.00	0.08	28.00	0.16	28.00	0.24	28.00	0.33	28.00	0.41	28.00	0.49
29	29.00	0.08	29.00	0.17	29.00	0.25	29.00	0.34	29.00	0.43	29.00	0.51
30	30.00	0.09	30.00	0.17	30.00	0.26	30.00	0.35	30.00	0.44	30.00	0.52
31	31.00	0.09	31.00	0.18	31.00	0.26	31.00	0.36	31.00	0.46	31.00	0.54
32	32.00	0.09	32.00	0.19	32.00	0.27	32.00	0.37	32.00	0.47	32.00	0.56
33	33.00	0.10	33.00	0.19	33.00	0.28	33.00	0.38	33.00	0.49	33.00	0.58
34	34.00	0.10	34.00	0.20	34.00	0.29	34.00	0.40	34.00	0.50	33.99	0.60
35	35.00	0.10	35.00	0.20	35.00	0.30	35.00	0.41	35.00	0.52	34.99	0.61
36	36.00	0.10	36.00	0.21	36.00	0.31	36.00	0.42	36.00	0.53	35.99	0.63
37	37.00	0.11	37.00	0.22	37.00	0.32	37.00	0.43	37.00	0.55	36.99	0.65
38	38.00	0.11	38.00	0.22	38.00	0.33	38.00	0.44	38.00	0.56	37.99	0.67
39	39.00	0.11	39.00	0.23	39.00	0.34	39.00	0.46	39.00	0.57	38.99	0.68
40	40.00	0.12	40.00	0.23	40.00	0.35	40.00	0.47	40.00	0.58	39.99	0.70
41	41.00	0.12	41.00	0.24	41.00	0.36	41.00	0.48	41.00	0.59	40.99	0.72
42	42.00	0.12	42.00	0.24	42.00	0.36	42.00	0.49	42.00	0.61	41.99	0.74
43	43.00	0.13	43.00	0.25	43.00	0.37	43.00	0.50	43.00	0.62	42.99	0.76
44	44.00	0.13	44.00	0.26	44.00	0.38	44.00	0.52	44.00	0.64	43.99	0.78
45	45.00	0.13	45.00	0.26	45.00	0.39	45.00	0.53	44.99	0.66	44.99	0.79
46	46.00	0.13	46.00	0.27	46.00	0.40	46.00	0.54	45.99	0.67	45.99	0.81
47	47.00	0.14	47.00	0.27	47.00	0.41	47.00	0.55	46.99	0.69	46.99	0.83
48	48.00	0.14	48.00	0.28	48.00	0.42	48.00	0.56	47.99	0.70	47.99	0.85
49	49.00	0.14	49.00	0.29	49.00	0.43	49.00	0.57	48.99	0.72	48.99	0.86
50	50.00	0.15	50.00	0.29	50.00	0.44	50.00	0.58	49.99	0.73	49.99	0.57
51	51.00	0.15	51.00	0.30	51.00	0.45	51.00	0.59	50.99	0.75	50.99	0.89
52	52.00	0.15	52.00	0.30	52.00	0.45	52.00	0.61	51.99	0.76	51.99	0.91
53	53.00	0.15	53.00	0.31	53.00	0.46	53.00	0.62	52.99	0.78	52.99	0.92
54	54.00	0.16	54.00	0.31	54.00	0.46	54.00	0.63	53.99	0.79	53.99	0.94
55	55.00	0.16	55.00	0.32	55.00	0.48	55.00	0.64	54.99	0.81	54.99	0.96
56	56.00	0.16	56.00	0.33	56.00	0.49	56.00	0.65	55.99	0.82	55.99	0.98
57	57.00	0.17	57.00	0.33	57.00	0.50	57.00	0.66	56.99	0.82	56.99	0.99
58	58.00	0.17	58.00	0.34	58.00	0.51	58.00	0.68	57.99	0.85	57.99	1.01
59	59.00	0.17	59.00	0.34	59.00	0.52	59.00	0.69	58.99	0.86	58.99	1.03
60	60.00	0.17	60.00	0.35	60.00	0.52	60.00	0.70	59.99	0.87	59.99	1.04
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dep	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	61.00	0.18	61.00	0.35	61.00	0.53	61.00	0.71	60.99	0.89	60.99	1.07
62	62.00	0.18	62.00	0.36	62.00	0.54	62.00	0.72	61.99	0.90	61.99	1.08
63	63.00	0.18	63.00	0.37	63.00	0.54	63.00	0.73	62.99	0.92	62.99	1.10
64	64.00	0.19	64.00	0.37	64.00	0.55	64.00	0.74	63.99	0.93	63.99	1.11
65	65.00	0.19	65.00	0.38	65.00	0.56	65.00	0.76	64.99	0.95	64.99	1.14
66	66.00	0.19	66.00	0.39	66.00	0.57	66.00	0.77	65.99	0.96	65.99	1.16
67	67.00	0.19	67.00	0.39	67.00	0.58	67.00	0.78	66.99	0.98	66.99	1.17
68	68.00	0.20	68.00	0.40	68.00	0.59	68.00	0.79	67.99	0.99	67.99	1.19
69	69.00	0.20	69.00	0.41	69.00	0.60	69.00	0.80	68.99	1.01	68.99	1.21
70	70.00	0.20	70.00	0.41	70.00	0.61	70.00	0.81	69.99	1.02	69.99	1.22
71	71.00	0.21	71.00	0.42	71.00	0.62	71.00	0.82	70.99	1.04	70.99	1.24
72	72.00	0.21	72.00	0.43	72.00	0.63	71.99	0.84	71.99	1.05	71.99	1.26
73	73.00	0.21	73.00	0.43	73.00	0.63	72.99	0.85	72.99	1.07	72.99	1.28
74	74.00	0.21	74.00	0.43	74.00	0.64	73.99	0.86	73.99	1.08	73.99	1.29
75	75.00	0.22	75.00	0.44	75.00	0.65	74.99	0.87	74.99	1.10	74.99	1.31
76	76.00	0.22	76.00	0.45	76.00	0.66	75.99	0.88	75.99	1.11	75.99	1.33
77	77.00	0.22	77.00	0.45	77.00	0.67	76.99	0.89	76.99	1.13	76.99	1.35
78	78.00	0.23	78.00	0.46	78.00	0.68	77.99	0.90	77.99	1.14	77.99	1.36
79	79.00	0.23	79.00	0.46	79.00	0.69	78.99	0.91	78.99	1.15	78.99	1.38
80	80.00	0.23	80.00	0.47	80.00	0.70	79.99	0.93	79.99	1.16	79.99	1.40
81	81.00	0.24	81.00	0.47	81.00	0.71	80.99	0.94	80.99	1.18	80.99	1.42
82	82.00	0.24	82.00	0.48	82.00	0.72	81.99	0.95	81.99	1.19	81.99	1.44
83	83.00	0.24	83.00	0.48	83.00	0.73	82.99	0.97	82.99	1.20	82.99	1.45
84	84.00	0.24	84.00	0.49	84.00	0.74	83.99	0.98	83.99	1.22	83.99	1.47
85	85.00	0.25	85.00	0.49	85.00	0.74	84.99	0.99	84.99	1.23	84.99	1.49
86	86.00	0.25	86.00	0.50	86.00	0.75	85.99	1.01	85.99	1.25	85.99	1.51
87	87.00	0.25	87.00	0.51	87.00	0.76	86.99	1.02	86.99	1.26	86.99	1.53
88	88.00	0.26	88.00	0.51	88.00	0.77	87.99	1.03	87.99	1.28	87.99	1.54
89	89.00	0.26	89.00	0.52	89.00	0.78	88.99	1.04	88.99	1.29	88.99	1.56
90	90.00	0.26	90.00	0.52	90.00	0.79	89.99	1.05	89.99	1.31	89.99	1.57
91	91.00	0.26	91.00	0.53	91.00	0.80	90.99	1.07	90.99	1.32	90.99	1.59
92	92.00	0.27	92.00	0.53	92.00	0.81	91.99	1.08	91.99	1.34	91.99	1.61
93	93.00	0.27	93.00	0.54	93.00	0.81	92.99	1.09	92.99	1.35	92.99	1.62
94	94.00	0.27	94.00	0.55	94.00	0.82	93.99	1.10	93.99	1.37	93.99	1.64
95	95.00	0.28	95.00	0.55	95.00	0.83	94.99	1.11	94.99	1.38	94.99	1.66
96	96.00	0.28	96.00	0.56	96.00	0.84	95.99	1.12	95.99	1.40	95.99	1.68
97	97.00	0.28	97.00	0.56	97.00	0.85	96.99	1.13	96.99	1.41	96.99	1.69
98	98.00	0.28	98.00	0.57	98.00	0.85	97.99	1.14	97.99	1.43	97.99	1.71
99	99.00	0.29	99.00	0.58	99.00	0.86	98.99	1.15	98.99	1.44	98.99	1.73
100	100.00	0.29	100.00	0.58	100.00	0.87	99.99	1.16	99.99	1.45	99.99	1.74
1	101.00	0.29	101.00	0.59	101.00	0.88	100.99	1.18	100.99	1.47	100.98	1.77
2	102.00	0.30	102.00	0.59	102.00	0.89	101.99	1.19	101.99	1.48	101.98	1.78
3	103.00	0.30	103.00	0.60	103.00	0.90	102.99	1.20	102.99	1.50	102.98	1.80
4	104.00	0.30	104.00	0.60	104.00	0.90	103.99	1.21	103.99	1.51	103.98	1.82
5	105.00	0.30	105.00	0.61	105.00	0.91	104.99	1.22	104.99	1.53	104.98	1.83
6	106.00	0.31	106.00	0.62	106.00	0.92	105.99	1.23	105.99	1.54	105.98	1.85
7	107.00	0.31	107.00	0.62	107.00	0.93	106.99	1.25	106.99	1.56	106.98	1.87
8	108.00	0.31	108.00	0.63	108.00	0.94	107.99	1.26	107.99	1.57	107.98	1.89
9	109.00	0.32	109.00	0.63	109.00	0.95	108.99	1.27	108.99	1.59	108.98	1.90
110	110.00	0.32	110.00	0.64	110.00	0.96	109.99	1.28	109.99	1.60	109.98	1.92
11	111.00	0.32	111.00	0.64	111.00	0.97	110.99	1.30	110.99	1.62	110.98	1.94
12	112.00	0.32	112.00	0.65	112.00	0.98	111.99	1.31	111.99	1.63	111.98	1.96
13	113.00	0.33	113.00	0 65	113.00	0.98	112.99	1.32	112.99	1.65	112.98	1.98
14	114.00	0.33	114.00	0.66	114.00	0.99	113.99	1.33	113.99	1.66	113.98	1.99
15	115.00	0.33	115.00	0.66	115.00	1.00	114.99	1.34	114.99	1.68	114.98	2.01
16	116.00	0.34	116.00	0.67	116.00	1.01	115.99	1.35	115.99	1.69	115.98	2.03
17	117.00	0.34	117.00	0.68	117.00	1.02	116.99	1.36	116.99	1.70	116.98	2.05
18	118.00	0.34	118.00	0.68	118.00	1.03	117.99	1.38	117.99	1.71	117.98	2.06
19	119.00	0.35	119.00	0.69	119.00	1.04	118.99	1.39	118.99	1.73	118.98	2.08
120	120.00	0.35	120.00	0.70	120.00	1.05	119.99	1.40	119.99	1.74	119.98	2.09
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

0°

Dig.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	121.00	0.35	121.00	0.70	121.00	1.05	120.99	1.41	120.99	1.76	120.98	2.10
22	122.00	0.35	122.00	0.71	122.00	1.06	121.99	1.42	121.99	1.77	121.98	2.12
23	123.00	0.36	123.00	0.71	123.00	1.07	122.99	1.43	122.99	1.79	122.98	2.14
24	124.00	0.36	124.00	0.72	124.00	1.08	123.99	1.44	123.99	1.80	123.98	2.15
25	125.00	0.36	125.00	0.73	125.00	1.09	124.99	1.45	124.99	1.82	124.98	2.17
26	126.00	0.37	126.00	0.73	125.99	1.10	125.99	1.46	125.99	1.83	125.98	2.19
27	127.00	0.37	127.00	0.74	126.99	1.10	126.99	1.48	126.99	1.85	126.98	2.21
28	128.00	0.37	128.00	0.74	127.99	1.11	127.99	1.49	127.99	1.86	127.98	2.23
29	129.00	0.37	129.00	0.75	128.99	1.12	128.99	1.50	128.99	1.88	128.98	2.24
130	130.00	0.38	130.00	0.76	129.99	1.13	129.99	1.51	129.99	1.89	129.98	2.26
31	131.00	0.38	131.00	0.76	130.99	1.14	130.99	1.52	130.99	1.91	130.98	2.28
32	132.00	0.38	132.00	0.77	131.99	1.15	131.99	1.53	131.99	1.92	131.98	2.30
33	133.00	0.39	133.00	0.77	132.99	1.16	132.99	1.54	132.99	1.94	132.98	2.31
34	134.00	0.39	134.00	0.78	133.99	1.17	133.99	1.56	133.99	1.95	133.98	2.33
35	135.00	0.39	135.00	0.79	134.99	1.17	134.99	1.57	134.99	1.97	134.98	2.35
36	136.00	0.40	136.00	0.79	135.99	1.18	135.99	1.58	135.99	1.98	135.98	2.37
37	137.00	0.40	137.00	0.80	136.99	1.19	136.99	1.59	136.99	2.00	136.98	2.38
38	138.00	0.40	138.00	0.80	137.99	1.20	137.99	1.60	137.98	2.01	137.98	2.40
39	139.00	0.40	139.00	0.81	138.99	1.21	138.99	1.61	138.98	2.02	138.98	2.42
140	140.00	0.41	140.00	0.81	139.99	1.22	139.99	1.62	139.98	2.04	139.98	2.44
41	141.00	0.41	141.00	0.82	140.99	1.23	140.99	1.64	140.98	2.05	140.98	2.45
42	142.00	0.41	142.00	0.83	141.99	1.24	141.99	1.65	141.98	2.07	141.98	2.47
43	143.00	0.42	143.00	0.83	142.99	1.25	142.99	1.66	142.98	2.08	142.98	2.49
44	144.00	0.42	144.00	0.84	143.99	1.25	143.99	1.67	143.98	2.10	143.98	2.50
45	145.00	0.42	145.00	0.84	144.99	1.26	144.99	1.68	144.98	2.11	144.98	2.52
46	146.00	0.43	146.00	0.85	145.99	1.27	145.99	1.69	145.98	2.13	145.98	2.54
47	147.00	0.43	147.00	0.86	146.99	1.28	146.99	1.70	146.98	2.14	146.98	2.55
48	148.00	0.43	148.00	0.86	147.99	1.29	147.99	1.72	147.98	2.16	147.98	2.57
49	149.00	0.43	149.00	0.87	148.99	1.30	148.99	1.73	148.98	2.17	148.97	2.59
150	150.00	0.44	150.00	0.87	149.99	1.30	149.99	1.74	149.98	2.18	149.97	2.61
51	151.00	0.44	151.00	0.88	150.99	1.31	150.99	1.75	150.98	2.20	150.97	2.63
52	152.00	0.44	152.00	0.89	151.99	1.32	151.99	1.76	151.98	2.21	151.97	2.65
53	153.00	0.45	153.00	0.89	152.99	1.33	152.99	1.77	152.98	2.23	152.97	2.66
54	154.00	0.45	154.00	0.90	153.99	1.34	153.99	1.78	153.98	2.24	153.97	2.68
55	155.00	0.45	155.00	0.90	154.99	1.35	154.99	1.80	154.98	2.25	154.97	2.70
56	156.00	0.45	156.00	0.91	155.99	1.36	155.99	1.81	155.98	2.27	155.97	2.72
57	157.00	0.46	157.00	0.91	156.99	1.37	156.99	1.82	156.98	2.28	156.97	2.73
58	158.00	0.46	158.00	0.92	157.99	1.38	157.99	1.83	157.98	2.30	157.97	2.75
59	159.00	0.46	159.00	0.93	158.99	1.38	158.99	1.84	158.98	2.31	158.97	2.77
160	160.00	0.47	160.00	0.93	159.99	1.39	159.99	1.85	159.98	2.33	159.97	2.79
61	161.00	0.47	161.00	0.94	160.99	1.40	160.99	1.87	160.98	2.34	160.97	2.80
62	162.00	0.47	162.00	0.94	161.99	1.41	161.99	1.88	161.98	2.36	161.97	2.82
63	163.00	0.47	163.00	0.95	162.99	1.42	162.99	1.89	162.98	2.37	162.97	2.84
64	164.00	0.48	164.00	0.95	163.99	1.43	163.99	1.90	163.98	2.39	163.97	2.86
65	165.00	0.48	165.00	0.96	164.99	1.44	164.99	1.92	164.98	2.40	164.97	2.87
66	166.00	0.48	166.00	0.97	165.99	1.44	165.99	1.93	165.98	2.42	165.97	2.89
67	167.00	0.49	167.00	0.97	166.99	1.45	166.99	1.94	166.98	2.43	166.97	2.91
68	168.00	0.49	168.00	0.98	167.99	1.46	167.99	1.95	167.98	2.45	167.97	2.93
69	169.00	0.49	169.00	0.98	168.99	1.47	168.99	1.96	168.98	2.46	168.97	2.94
170	170.00	0.49	170.00	0.99	169.99	1.48	169.99	1.98	169.98	2.47	169.97	2.96
71	171.00	0.50	171.00	1.00	170.99	1.49	170.99	1.99	170.98	2.49	170.97	2.98
72	172.00	0.50	172.00	1.00	171.99	1.50	171.99	2.00	171.98	2.50	171.97	3.00
73	173.00	0.50	173.00	1.01	172.99	1.50	172.99	2.01	172.98	2.52	172.97	3.01
74	174.00	0.51	174.00	1.01	173.99	1.51	173.99	2.02	173.98	2.53	173.97	3.03
75	175.00	0.51	175.00	1.02	174.99	1.52	174.99	2.04	174.98	2.55	174.97	3.05
76	176.00	0.51	176.00	1.03	175.99	1.53	175.99	2.05	175.98	2.56	175.97	3.07
77	177.00	0.52	177.00	1.03	176.99	1.54	176.99	2.06	176.98	2.58	176.97	3.08
78	178.00	0.52	178.00	1.04	177.99	1.55	177.99	2.07	177.98	2.59	177.97	3.10
79	179.00	0.52	179.00	1.04	178.99	1.56	178.99	2.08	178.98	2.61	178.97	3.12
180	180.00	0.52	180.00	1.05	179.99	1.57	179.99	2.10	179.98	2.62	179.97	3.14
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

89°

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
81	181.00	0.53	181.00	1.06	180.99	1.58	180.99	2.11	180.98	2.63	180.97	3.15
82	182.00	0.53	182.00	1.06	181.99	1.59	181.99	2.12	181.98	2.65	181.97	3.18
83	183.00	0.53	183.00	1.06	182.99	1.60	182.99	2.13	182.98	2.66	182.97	3.20
84	184.00	0.54	184.00	1.07	183.99	1.60	183.99	2.14	183.98	2.68	183.97	3.21
85	185.00	0.54	185.00	1.08	184.99	1.61	184.99	2.15	184.98	2.69	184.97	3.23
86	186.00	0.54	186.00	1.08	185.99	1.62	185.99	2.16	185.98	2.71	185.97	3.25
87	187.00	0.54	187.00	1.09	186.99	1.63	186.99	2.18	186.98	2.72	186.97	3.27
88	188.00	0.55	188.00	1.09	187.99	1.64	187.99	2.19	187.98	2.74	187.97	3.29
89	189.00	0.55	189.00	1.10	188.99	1.65	188.99	2.20	188.98	2.75	188.97	3.30
190	190.00	0.55	190.00	1.11	189.99	1.66	189.99	2.21	189.98	2.76	189.97	3.32
91	191.00	0.56	191.00	1.11	190.99	1.67	190.99	2.22	190.98	2.78	190.97	3.34
92	192.00	0.56	192.00	1.12	191.99	1.67	191.99	2.23	191.98	2.79	191.97	3.35
93	193.00	0.56	193.00	1.12	192.99	1.68	192.99	2.24	192.98	2.81	192.97	3.37
94	194.00	0.57	194.00	1.13	193.99	1.69	193.99	2.25	193.98	2.82	193.97	3.39
95	195.00	0.57	195.00	1.14	194.99	1.70	194.99	2.27	194.98	2.84	194.97	3.41
96	196.00	0.57	196.00	1.14	195.99	1.71	195.99	2.28	195.98	2.85	195.97	3.42
97	197.00	0.57	197.00	1.15	196.99	1.72	196.99	2.29	196.98	2.86	196.97	3.44
98	198.00	0.58	198.00	1.15	197.99	1.73	197.99	2.30	197.98	2.88	197.97	3.46
99	199.00	0.58	199.00	1.16	198.99	1.74	198.99	2.31	198.98	2.89	198.97	3.48
200	200.00	0.58	200.00	1.16	199.99	1.75	199.99	2.32	199.98	2.91	199.97	3.49
1	201.00	0.59	201.00	1.17	200.99	1.75	200.99	2.34	200.98	2.92	200.97	3.51
2	202.00	0.59	202.00	1.18	201.99	1.76	201.99	2.35	201.98	2.94	201.97	3.53
3	203.00	0.59	203.00	1.18	202.99	1.77	202.99	2.36	202.98	2.95	202.97	3.55
4	204.00	0.59	204.00	1.19	203.99	1.78	203.99	2.37	203.98	2.97	203.97	3.56
5	205.00	0.60	205.00	1.19	204.99	1.79	204.99	2.38	204.98	2.98	204.97	3.58
6	206.00	0.60	206.00	1.20	205.99	1.80	205.99	2.39	205.98	3.00	205.97	3.60
7	207.00	0.60	207.00	1.20	206.99	1.81	206.99	2.40	206.98	3.01	206.97	3.62
8	208.00	0.61	208.00	1.21	207.99	1.82	207.99	2.41	207.98	3.02	207.97	3.64
9	209.00	0.61	209.00	1.22	208.99	1.83	208.99	2.42	208.98	3.03	208.97	3.66
210	210.00	0.61	210.00	1.22	209.99	1.83	209.99	2.43	209.98	3.04	209.97	3.67
11	211.00	0.62	211.00	1.23	210.99	1.84	210.99	2.44	210.98	3.06	210.97	3.69
12	212.00	0.62	212.00	1.23	211.99	1.85	211.99	2.45	211.98	3.07	211.97	3.71
13	213.00	0.62	213.00	1.24	212.99	1.86	212.99	2.47	212.98	3.08	212.97	3.73
14	214.00	0.62	214.00	1.24	213.99	1.87	213.99	2.48	213.98	3.10	213.97	3.74
15	215.00	0.63	215.00	1.25	214.99	1.88	214.99	2.49	214.98	3.11	214.97	3.76
16	216.00	0.63	216.00	1.26	215.99	1.89	215.99	2.50	215.98	3.13	215.97	3.78
17	217.00	0.63	217.00	1.26	216.99	1.90	216.99	2.51	216.98	3.14	216.97	3.80
18	218.00	0.64	218.00	1.27	217.99	1.90	217.99	2.52	217.98	3.16	217.97	3.81
19	219.00	0.64	219.00	1.27	218.99	1.91	218.99	2.54	218.98	3.17	218.97	3.83
220	220.00	0.64	220.00	1.28	219.99	1.92	219.99	2.55	219.98	3.19	219.97	3.86
21	221.00	0.64	221.00	1.28	220.99	1.93	220.99	2.56	220.98	3.20	220.97	3.87
22	222.00	0.65	222.00	1.29	221.99	1.94	221.99	2.57	221.98	3.21	221.97	3.89
23	223.00	0.65	223.00	1.29	222.99	1.95	222.99	2.58	222.98	3.23	222.97	3.90
24	224.00	0.65	224.00	1.30	223.99	1.96	223.99	2.60	223.98	3.24	223.97	3.92
25	225.00	0.66	225.00	1.31	224.99	1.97	224.99	2.61	224.98	3.26	224.97	3.94
26	226.00	0.66	226.00	1.31	225.99	1.98	225.99	2.62	225.98	3.27	225.97	3.95
27	227.00	0.66	227.00	1.32	226.99	1.98	226.99	2.63	226.98	3.29	226.97	3.97
28	228.00	0.66	228.00	1.32	227.99	1.99	227.99	2.64	227.98	3.30	227.97	3.99
29	229.00	0.67	229.00	1.33	228.99	2.00	228.99	2.65	228.98	3.32	228.97	4.00
30	230.00	0.67	230.00	1.34	229.99	2.01	229.99	2.67	229.98	3.33	229.97	4.02
31	231.00	0.67	231.00	1.34	230.99	2.02	230.99	2.68	230.98	3.35	230.97	4.04
32	232.00	0.68	232.00	1.36	231.99	2.03	231.99	2.69	231.98	3.36	231.97	4.05
33	233.00	0.68	233.00	1.35	232.99	2.04	232.99	2.70	232.97	3.38	232.96	4.07
34	234.00	0.68	234.00	1.36	233.99	2.05	233.99	2.71	233.97	3.39	233.96	4.09
35	235.00	0.68	235.00	1.36	234.99	2.05	234.99	2.72	234.97	3.41	234.96	4.10
36	236.00	0.69	236.00	1.37	235.99	2.06	235.98	2.74	235.97	3.42	235.96	4.12
37	237.00	0.69	237.00	1.38	236.99	2.07	236.98	2.75	236.97	3.44	236.96	4.14
38	238.00	0.69	238.00	1.38	237.99	2.08	237.98	2.76	237.97	3.45	237.96	4.16
39	239.00	0.69	239.00	1.39	238.99	2.08	238.98	2.77	238.97	3.47	238.96	4.17
240	240.00	0.70	240.00	1.39	239.99	2.09	239.98	2.78	239.97	3.48	239.96	4.19
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	241.00	0.76	241.00	1.42	240.99	2.14	240.98	2.85	240.97	3.56	240.96	4.28
42	242.00	0.76	242.00	1.43	241.99	2.15	241.98	2.87	241.97	3.58	241.96	4.30
43	243.00	0.76	243.00	1.43	242.99	2.15	242.98	2.87	242.97	3.59	242.96	4.31
44	244.00	0.77	244.00	1.43	243.99	2.15	243.98	2.87	243.97	3.59	243.96	4.31
45	245.00	0.77	245.00	1.43	244.99	2.15	244.98	2.87	244.97	3.59	244.96	4.31
46	246.00	0.77	246.00	1.43	245.99	2.15	245.98	2.87	245.97	3.59	245.96	4.31
47	247.00	0.77	247.00	1.43	246.99	2.15	246.98	2.87	246.97	3.59	246.96	4.31
48	248.00	0.77	248.00	1.44	247.99	2.16	247.98	2.88	247.97	3.60	247.96	4.32
49	249.00	0.77	249.00	1.44	248.99	2.17	248.98	2.89	248.97	3.62	248.96	4.34
50	250.00	0.78	250.00	1.45	249.99	2.18	249.98	2.90	249.97	3.64	249.96	4.35
51	251.00	0.78	251.00	1.46	250.99	2.19	250.98	2.91	250.97	3.65	250.96	4.37
52	252.00	0.78	252.00	1.46	251.99	2.19	251.98	2.92	251.97	3.67	251.96	4.39
53	253.00	0.78	253.00	1.47	252.99	2.20	252.98	2.94	252.97	3.68	252.96	4.40
54	254.00	0.78	254.00	1.47	253.99	2.21	253.98	2.95	253.97	3.69	253.96	4.42
55	255.00	0.79	255.00	1.48	254.99	2.22	254.98	2.96	254.97	3.71	254.96	4.44
56	256.00	0.79	256.00	1.48	255.99	2.23	255.98	2.97	255.97	3.72	255.96	4.45
57	257.00	0.79	257.00	1.49	256.99	2.24	256.98	2.98	256.97	3.74	256.96	4.47
58	258.00	0.79	258.00	1.50	257.99	2.25	257.98	2.99	257.97	3.75	257.96	4.49
59	259.00	0.79	259.00	1.50	258.99	2.25	258.98	3.01	258.97	3.77	258.96	4.51
60	260.00	0.80	260.00	1.51	259.99	2.26	259.98	3.02	259.97	3.78	259.96	4.52
61	261.00	0.80	261.00	1.51	260.99	2.27	260.98	3.03	260.97	3.80	260.96	4.54
62	262.00	0.80	262.00	1.52	261.99	2.28	261.98	3.04	261.97	3.81	261.96	4.56
63	263.00	0.80	263.00	1.52	262.99	2.29	262.98	3.05	262.97	3.82	262.96	4.57
64	264.00	0.80	264.00	1.53	263.99	2.30	263.98	3.06	263.97	3.83	263.96	4.59
65	265.00	0.81	265.00	1.54	264.99	2.31	264.98	3.08	264.97	3.85	264.96	4.61
66	266.00	0.81	266.00	1.54	265.99	2.32	265.98	3.09	265.97	3.86	265.96	4.63
67	267.00	0.81	267.00	1.55	266.99	2.32	266.98	3.10	266.97	3.88	266.96	4.64
68	268.00	0.81	268.00	1.56	267.99	2.33	267.98	3.11	267.97	3.90	267.96	4.66
69	269.00	0.81	269.00	1.56	268.99	2.34	268.98	3.12	268.97	3.92	268.96	4.68
70	270.00	0.79	270.00	1.57	269.99	2.35	269.98	3.13	269.97	3.93	269.96	4.70
71	271.00	0.79	271.00	1.57	270.99	2.36	270.98	3.14	270.97	3.95	270.96	4.72
72	272.00	0.79	272.00	1.58	271.99	2.37	271.98	3.16	271.97	3.96	271.96	4.73
73	273.00	0.79	273.00	1.59	272.99	2.38	272.98	3.17	272.97	3.98	272.96	4.75
74	274.00	0.79	274.00	1.59	273.99	2.39	273.98	3.18	273.97	4.00	273.96	4.77
75	275.00	0.80	275.00	1.60	274.99	2.40	274.98	3.19	274.97	4.01	274.96	4.79
76	276.00	0.80	276.00	1.60	275.99	2.40	275.98	3.20	275.97	4.02	275.96	4.81
77	277.00	0.80	277.00	1.61	276.99	2.41	276.98	3.21	276.97	4.04	276.96	4.82
78	278.00	0.81	278.00	1.62	277.99	2.42	277.98	3.23	277.97	4.05	277.96	4.84
79	279.00	0.81	279.00	1.62	278.99	2.43	278.98	3.24	278.97	4.06	278.96	4.86
80	280.00	0.81	280.00	1.63	279.99	2.44	279.98	3.25	279.97	4.07	279.96	5.88
81	281.00	0.82	281.00	1.64	280.99	2.45	280.98	3.26	280.97	4.09	280.96	4.89
82	282.00	0.82	282.00	1.64	281.99	2.46	281.98	3.27	281.97	4.11	281.96	4.91
83	283.00	0.82	283.00	1.65	282.99	2.47	282.98	3.28	282.97	4.13	282.96	4.93
84	284.00	0.82	284.00	1.65	283.99	2.47	283.98	3.30	283.97	4.14	283.96	4.95
85	285.00	0.83	285.00	1.66	284.99	2.48	284.98	3.31	284.97	4.16	284.96	4.96
86	286.00	0.83	286.00	1.67	285.99	2.49	285.98	3.32	285.97	4.17	285.96	4.98
87	287.00	0.83	287.00	1.67	286.99	2.50	286.98	3.33	286.97	4.19	286.96	5.00
88	288.00	0.84	288.00	1.68	287.99	2.51	287.98	3.34	287.97	4.20	287.96	5.02
89	289.00	0.84	289.00	1.68	288.99	2.52	288.98	3.35	288.97	4.22	288.96	5.03
90	290.00	0.84	290.00	1.69	289.99	2.53	289.98	3.37	289.97	4.23	289.96	5.05
91	291.00	0.85	291.00	1.70	290.99	2.54	290.98	3.38	290.97	4.25	290.96	5.07
92	292.00	0.85	292.00	1.70	291.99	2.54	291.98	3.39	291.97	4.26	291.96	5.09
93	293.00	0.85	293.00	1.71	292.99	2.55	292.98	3.40	292.97	4.27	292.96	5.10
94	294.00	0.85	294.00	1.71	293.99	2.56	293.98	3.41	293.97	4.29	293.96	5.12
95	295.00	0.86	295.00	1.72	294.99	2.57	294.98	3.43	294.97	4.30	294.96	5.14
96	296.00	0.86	296.00	1.73	295.99	2.58	295.98	3.44	295.97	4.32	295.96	5.16
97	297.00	0.86	297.00	1.73	296.99	2.59	296.98	3.45	296.97	4.33	296.96	5.17
98	298.00	0.87	298.00	1.74	297.99	2.60	297.98	3.46	297.97	4.34	297.96	5.19
99	299.00	0.87	299.00	1.74	298.99	2.60	298.98	3.47	298.97	4.35	298.96	5.21
100	300.00	0.87	300.00	1.75	299.99	2.61	299.98	3.49	299.97	4.36	299.96	5.23

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Pro.	10′		20′		30′		40′		50′		60′	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	1.00	0.02	1.00	0.02	1.00	0.03	1.00	0.03	1.00	0.03	1.00	0.03
2	2.00	0.04	2.00	0.05	2.00	0.05	2.00	0.06	2.00	0.06	2.00	0.07
3	3.00	0.06	3.00	0.07	3.00	0.08	3.00	0.09	3.00	0.10	3.00	0.10
4	4.00	0.08	4.00	0.09	4.00	0.10	4.00	0.12	4.00	0.13	4.00	0.14
5	5.00	0.10	5.00	0.12	5.00	0.13	5.00	0.15	5.00	0.16	5.00	0.17
6	6.00	0.12	6.00	0.14	6.00	0.16	6.00	0.17	6.00	0.19	6.00	0.21
7	7.00	0.14	7.00	0.16	7.00	0.18	7.00	0.20	7.00	0.22	7.00	0.24
8	8.00	0.16	8.00	0.19	8.00	0.21	8.00	0.23	8.00	0.26	8.00	0.28
9	9.00	0.18	9.00	0.21	9.00	0.24	9.00	0.26	9.00	0.29	8.99	0.31
10	10.00	0.20	10.00	0.23	10.00	0.26	10.00	0.29	9.99	0.32	9.99	0.35
11	11.00	0.22	11.00	0.26	11.00	0.29	10.99	0.32	10.99	0.35	10.99	0.38
12	12.00	0.24	12.00	0.28	12.00	0.31	11.99	0.35	11.99	0.38	11.99	0.42
13	13.00	0.26	13.00	0.30	13.00	0.34	12.99	0.38	12.99	0.41	12.99	0.45
14	14.00	0.29	14.00	0.33	14.00	0.37	13.99	0.41	13.99	0.45	13.99	0.49
15	15.00	0.31	15.00	0.35	14.99	0.39	14.99	0.44	14.99	0.48	14.99	0.52
16	16.00	0.33	16.00	0.37	15.99	0.42	15.99	0.47	15.99	0.51	15.99	0.56
17	17.00	0.35	17.00	0.39	16.99	0.44	16.99	0.49	16.99	0.54	16.99	0.59
18	18.00	0.37	17.99	0.41	17.99	0.47	17.99	0.52	17.99	0.57	17.99	0.63
19	19.00	0.39	18.99	0.43	18.99	0.50	18.99	0.55	18.99	0.60	18.99	0.66
20	20.00	0.41	19.99	0.46	19.99	0.52	19.99	0.58	19.99	0.64	19.99	0.70
21	21.00	0.43	20.99	0.48	20.99	0.55	20.99	0.61	20.99	0.67	20.99	0.73
22	22.00	0.45	21.99	0.51	21.99	0.57	21.99	0.64	21.99	0.70	21.99	0.77
23	23.00	0.47	22.99	0.53	22.99	0.60	22.99	0.67	22.99	0.73	22.98	0.80
24	23.99	0.49	23.99	0.55	23.99	0.62	23.99	0.70	23.99	0.76	23.98	0.84
25	24.99	0.51	24.99	0.57	24.99	0.65	24.99	0.73	24.99	0.80	24.98	0.87
26	25.99	0.53	25.99	0.59	25.99	0.68	25.99	0.75	25.99	0.83	25.98	0.91
27	26.99	0.55	26.99	0.62	26.99	0.70	26.99	0.78	26.99	0.86	26.98	0.94
28	27.99	0.57	27.99	0.64	27.99	0.73	27.99	0.81	27.99	0.89	27.98	0.98
29	28.99	0.59	28.99	0.67	28.99	0.76	28.99	0.84	28.98	0.92	28.98	1.01
30	29.99	0.61	29.99	0.69	29.99	0.78	29.99	0.87	29.98	0.96	29.98	1.05
31	30.99	0.63	30.99	0.72	30.99	0.81	30.99	0.90	30.98	0.99	30.98	1.08
32	31.99	0.65	31.99	0.74	31.99	0.84	31.99	0.93	31.98	1.02	31.98	1.12
33	32.99	0.67	32.99	0.77	32.99	0.86	32.99	0.96	32.98	1.05	32.98	1.15
34	33.99	0.69	33.99	0.79	33.99	0.89	33.99	0.99	33.98	1.08	33.98	1.19
35	34.99	0.71	34.99	0.82	34.99	0.91	34.98	1.02	34.98	1.12	34.98	1.22
36	35.99	0.73	35.99	0.84	35.99	0.94	35.98	1.05	35.98	1.15	35.98	1.26
37	36.99	0.75	36.99	0.87	36.99	0.97	36.98	1.08	36.98	1.18	36.98	1.29
38	37.99	0.77	37.99	0.89	37.99	0.99	37.98	1.11	37.98	1.21	37.98	1.33
39	38.99	0.79	38.99	0.91	38.99	1.02	38.98	1.14	38.98	1.24	38.98	1.36
40	39.99	0.81	39.99	0.93	39.99	1.04	39.98	1.16	39.98	1.28	39.98	1.40
41	40.99	0.83	40.99	0.95	40.99	1.07	40.98	1.19	40.98	1.31	40.98	1.43
42	41.99	0.85	41.99	0.98	41.99	1.10	41.98	1.22	41.98	1.34	41.98	1.47
43	42.99	0.87	42.99	1.00	42.99	1.12	42.98	1.25	42.98	1.37	42.98	1.50
44	43.99	0.90	43.99	1.02	43.98	1.15	43.98	1.28	43.98	1.41	43.97	1.53
45	44.99	0.92	44.99	1.05	44.98	1.18	44.98	1.31	44.98	1.43	44.97	1.57
46	45.99	0.94	45.99	1.07	45.98	1.20	45.98	1.34	45.98	1.46	45.97	1.60
47	46.99	0.96	46.99	1.09	46.98	1.23	46.98	1.37	46.98	1.49	46.97	1.64
48	47.99	0.98	47.99	1.12	47.98	1.26	47.98	1.40	47.98	1.53	47.97	1.67
49	48.99	1.00	48.99	1.14	48.98	1.28	48.98	1.43	48.97	1.56	48.97	1.71
50	49.99	1.02	49.99	1.16	49.98	1.31	49.98	1.45	49.97	1.59	49.97	1.74
51	50.99	1.04	50.99	1.19	50.98	1.34	50.98	1.48	50.97	1.62	50.97	1.78
52	51.99	1.06	51.99	1.21	51.98	1.36	51.98	1.51	51.97	1.66	51.97	1.81
53	52.99	1.08	52.99	1.23	52.98	1.39	52.98	1.54	52.97	1.69	52.97	1.85
54	53.99	1.10	53.98	1.26	53.98	1.41	53.98	1.57	53.97	1.73	53.97	1.88
55	54.99	1.12	54.98	1.28	54.98	1.44	54.98	1.60	54.97	1.76	54.97	1.92
56	55.99	1.14	55.98	1.30	55.98	1.46	55.98	1.63	55.97	1.79	55.97	1.95
57	56.99	1.16	56.98	1.33	56.98	1.49	56.98	1.66	56.97	1.82	56.97	1.99
58	57.99	1.18	57.98	1.35	57.98	1.52	57.98	1.69	57.97	1.85	57.97	2.02
59	58.99	1.20	58.98	1.37	58.98	1.54	58.98	1.72	58.97	1.89	58.96	2.06
60	59.99	1.22	59.98	1.40	59.98	1.57	59.97	1.74	59.97	1.92	59.96	2.09

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.99	1.24	60.98	1.42	60.98	1.60	60.97	1.77	60.97	1.95	60.96	2.13
62	61.99	1.26	61.98	1.44	61.98	1.62	61.97	1.80	61.97	1.98	61.96	2.16
63	62.99	1.28	62.98	1.47	62.98	1.65	62.97	1.83	62.97	2.01	62.96	2.20
64	63.99	1.30	63.98	1.49	63.98	1.68	63.97	1.86	63.97	2.04	63.96	2.23
65	64.99	1.32	64.98	1.51	64.98	1.70	64.97	1.89	64.97	2.08	64.96	2.27
66	65.99	1.34	65.98	1.54	65.98	1.73	65.97	1.92	65.97	2.11	65.96	2.30
67	66.99	1.36	66.98	1.56	66.98	1.75	66.97	1.95	66.97	2.14	66.96	2.34
68	67.99	1.38	67.98	1.58	67.98	1.78	67.97	1.98	67.96	2.17	67.96	2.37
69	68.99	1.41	68.98	1.61	68.98	1.80	68.97	2.01	68.96	2.20	68.96	2.40
70	69.99	1.43	69.98	1.63	69.98	1.83	69.97	2.04	69.96	2.24	69.96	2.44
71	70.99	1.45	70.98	1.65	70.98	1.85	70.97	2.07	70.96	2.27	70.96	2.47
72	71.98	1.47	71.98	1.68	71.98	1.88	71.97	2.10	71.96	2.30	71.96	2.51
73	72.98	1.49	72.98	1.70	72.98	1.91	72.97	2.13	72.96	2.33	72.96	2.54
74	73.98	1.51	73.98	1.72	73.97	1.93	73.97	2.16	73.96	2.37	73.95	2.58
75	74.98	1.53	74.98	1.75	74.97	1.96	74.97	2.19	74.96	2.40	74.95	2.61
76	75.98	1.55	75.98	1.77	75.97	1.98	75.97	2.22	75.96	2.43	75.95	2.65
77	76.98	1.57	76.98	1.79	76.97	2.01	76.97	2.25	76.96	2.46	76.95	2.68
78	77.98	1.59	77.98	1.82	77.97	2.03	77.97	2.28	77.96	2.49	77.95	2.72
79	78.98	1.61	78.98	1.84	78.97	2.06	78.97	2.30	78.96	2.52	78.95	2.75
80	79.98	1.63	79.98	1.86	79.97	2.09	79.97	2.33	79.96	2.56	79.95	2.79
81	80.98	1.65	80.98	1.89	80.97	2.11	80.97	2.36	80.96	2.59	80.95	2.82
82	81.98	1.67	81.98	1.91	81.97	2.14	81.97	2.39	81.96	2.62	81.95	2.86
83	82.98	1.69	82.98	1.93	82.97	2.16	82.96	2.42	82.96	2.65	82.95	2.89
84	83.98	1.71	83.98	1.96	83.97	2.19	83.96	2.45	83.96	2.68	83.95	2.93
85	84.98	1.73	84.98	1.98	84.97	2.22	84.96	2.48	84.96	2.72	84.95	2.96
86	85.98	1.75	85.98	2.00	85.97	2.24	85.96	2.51	85.96	2.75	85.95	3.00
87	86.98	1.77	86.98	2.03	86.97	2.27	86.96	2.54	86.96	2.78	86.95	3.03
88	87.98	1.79	87.98	2.05	87.97	2.30	87.96	2.57	87.95	2.81	87.95	3.07
89	88.98	1.81	88.98	2.07	88.97	2.33	88.96	2.60	88.95	2.84	88.95	3.10
90	89.98	1.83	89.98	2.09	89.97	2.36	89.96	2.62	89.95	2.88	89.95	3.14
91	90.98	1.85	90.98	2.12	90.97	2.38	90.96	2.65	90.95	2.91	90.94	3.17
92	91.98	1.87	91.98	2.14	91.97	2.41	91.96	2.68	91.95	2.94	91.94	3.21
93	92.98	1.89	92.97	2.17	92.97	2.43	92.96	2.71	92.95	2.97	92.94	3.24
94	93.98	1.91	93.97	2.19	93.97	2.46	93.96	2.74	93.95	3.00	93.94	3.28
95	94.98	1.94	94.97	2.21	94.97	2.49	94.96	2.77	94.95	3.04	94.94	3.31
96	95.98	1.96	95.97	2.24	95.97	2.51	95.96	2.80	95.95	3.07	95.94	3.35
97	96.98	1.98	96.97	2.26	96.97	2.54	96.96	2.83	96.95	3.10	96.94	3.38
98	97.98	2.00	97.97	2.28	97.97	2.57	97.96	2.86	97.95	3.13	97.94	3.42
99	98.98	2.02	98.97	2.31	98.97	2.59	98.96	2.89	98.95	3.16	98.94	3.45
100	99.98	2.04	99.97	2.33	99.97	2.62	99.96	2.91	99.95	3.20	99.94	3.49
1	100.98	2.06	100.97	2.35	100.97	2.64	100.96	2.94	100.95	3.23	100.94	3.52
2	101.98	2.08	101.97	2.38	101.97	2.67	101.96	2.97	101.95	3.26	101.94	3.56
3	102.98	2.10	102.97	2.40	102.97	2.70	102.96	3.00	102.95	3.29	102.94	3.59
4	103.98	2.12	103.97	2.42	103.96	2.72	103.96	3.03	103.95	3.32	103.94	3.63
5	104.98	2.14	104.97	2.45	104.96	2.75	104.96	3.06	104.95	3.36	104.94	3.66
6	105.98	2.16	105.97	2.47	105.96	2.78	105.96	3.09	105.95	3.39	105.94	3.70
7	106.98	2.18	106.97	2.49	106.96	2.80	106.95	3.12	106.95	3.42	106.94	3.73
8	107.98	2.20	107.97	2.52	107.96	2.83	107.95	3.15	107.94	3.45	107.94	3.77
9	108.98	2.22	108.97	2.54	108.96	2.86	108.95	3.18	108.94	3.48	108.93	3.80
110	109.98	2.24	109.97	2.56	109.96	2.88	109.95	3.20	109.94	3.52	109.93	3.84
11	110.98	2.26	110.97	2.59	110.96	2.91	110.95	3.23	110.94	3.55	110.93	3.87
12	111.98	2.28	111.97	2.61	111.96	2.94	111.95	3.26	111.94	3.58	111.93	3.91
13	112.98	2.30	112.97	2.63	112.96	2.96	112.95	3.29	112.94	3.61	112.93	3.94
14	113.98	2.32	113.97	2.65	113.96	2.99	113.95	3.32	113.94	3.64	113.93	3.98
15	114.98	2.34	114.97	2.68	114.96	3.02	114.95	3.35	114.94	3.68	114.93	4.01
16	115.98	2.36	115.97	2.70	115.96	3.04	115.95	3.38	115.94	3.71	115.93	4.05
17	116.98	2.38	116.97	2.72	116.96	3.07	116.95	3.41	116.94	3.74	116.93	4.08
18	117.98	2.40	117.97	2.75	117.96	3.09	117.95	3.44	117.94	3.77	117.93	4.12
19	118.98	2.42	118.97	2.77	118.96	3.12	118.95	3.47	118.94	3.80	118.93	4.15
120	119.97	2.44	119.97	2.79	119.96	3.14	119.95	3.49	119.94	3.84	119.93	4.19

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

D P	1° 10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	120.97	2.48	120.97	2.82	120.96	3.17	120.95	3.52	120.94	3.87	120.93	4.22
2	121.97	2.48	121.97	2.84	121.96	3.20	121.95	3.55	121.94	3.90	121.93	4.25
3	122.97	2.50	122.97	2.86	122.96	3.22	122.95	3.58	122.94	3.93	122.93	4.29
4	123.97	2.53	123.97	2.89	123.96	3.25	123.95	3.61	123.94	3.96	123.93	4.32
5	124.97	2.55	124.97	2.91	124.96	3.28	124.95	3.64	124.94	4.00	124.93	4.36
6	125.97	2.57	125.97	2.93	125.96	3.30	125.95	3.67	125.94	4.03	125.93	4.40
7	126.97	2.59	126.97	2.96	126.96	3.33	126.95	3.70	126.94	4.06	126.92	4.43
8	127.97	2.61	127.97	2.98	127.96	3.36	127.95	3.73	127.93	4.09	127.92	4.47
9	128.97	2.63	128.97	3.00	128.96	3.38	128.95	3.76	128.93	4.12	128.92	4.50
10	129.97	2.65	129.96	3.03	129.96	3.40	129.95	3.78	129.93	4.16	129.92	4.54
11	130.97	2.67	130.96	3.05	130.96	3.43	130.95	3.81	130.93	4.19	130.92	4.57
12	131.97	2.69	131.96	3.07	131.96	3.46	131.94	3.84	131.93	4.23	131.92	4.61
13	132.97	2.71	132.96	3.10	132.96	3.48	132.94	3.87	132.93	4.26	132.92	4.65
14	133.97	2.73	133.96	3.12	133.96	3.51	133.94	3.90	133.93	4.29	133.92	4.68
15	134.97	2.75	134.96	3.14	134.96	3.54	134.94	3.93	134.93	4.33	134.92	4.71
16	135.97	2.77	135.96	3.17	135.96	3.56	135.94	3.96	135.93	4.36	135.92	4.75
17	136.97	2.79	136.96	3.19	136.96	3.59	136.94	3.99	136.93	4.39	136.92	4.79
18	137.97	2.81	137.96	3.21	137.96	3.62	137.94	4.02	137.93	4.42	137.92	4.82
19	138.97	2.83	138.96	3.24	138.96	3.64	138.94	4.05	138.93	4.45	138.92	4.85
20	139.97	2.85	139.96	3.26	139.96	3.67	139.94	4.07	139.93	4.48	139.91	4.89
21	140.97	2.87	140.96	3.28	140.96	3.69	140.94	4.10	140.93	4.51	140.91	4.92
22	141.97	2.89	141.96	3.31	141.96	3.72	141.94	4.13	141.93	4.54	141.91	4.96
23	142.97	2.91	142.96	3.33	142.96	3.75	142.94	4.16	142.93	4.57	142.91	4.99
24	143.97	2.93	143.96	3.35	143.96	3.77	143.94	4.19	143.93	4.60	143.91	5.03
25	144.97	2.95	144.96	3.38	144.96	3.80	144.94	4.22	144.93	4.64	144.91	5.06
26	145.97	2.97	145.96	3.40	145.96	3.83	145.94	4.25	145.93	4.67	145.91	5.10
27	146.97	2.99	146.96	3.42	146.96	3.85	146.94	4.28	146.93	4.70	146.91	5.13
28	147.97	3.01	147.96	3.45	147.96	3.88	147.94	4.31	147.92	4.73	147.91	5.17
29	148.97	3.03	148.96	3.47	148.96	3.91	148.94	4.34	148.92	4.76	148.91	5.20
30	149.97	3.05	149.96	3.49	149.96	3.93	149.94	4.36	149.92	4.80	149.91	5.24
31	150.97	3.07	150.96	3.52	150.96	3.96	150.94	4.39	150.92	4.83	150.91	5.27
32	151.97	3.09	151.96	3.54	151.96	3.99	151.94	4.42	151.92	4.86	151.91	5.31
33	152.97	3.11	152.96	3.56	152.96	4.01	152.94	4.45	152.92	4.89	152.91	5.34
34	153.97	3.14	153.96	3.59	153.95	4.04	153.94	4.48	153.92	4.92	153.91	5.38
35	154.97	3.16	154.96	3.61	154.95	4.07	154.94	4.51	154.92	4.96	154.91	5.41
36	155.97	3.18	155.96	3.63	155.95	4.09	155.94	4.54	155.92	4.99	155.90	5.45
37	156.97	3.20	156.96	3.66	156.95	4.12	156.94	4.57	156.92	5.02	156.90	5.48
38	157.97	3.22	157.96	3.68	157.95	4.15	157.94	4.60	157.92	5.05	157.90	5.52
39	158.97	3.24	158.96	3.70	158.95	4.17	158.94	4.63	158.92	5.08	158.90	5.55
40	159.97	3.26	159.96	3.72	159.95	4.19	159.94	4.65	159.92	5.12	159.90	5.58
41	160.97	3.28	160.96	3.75	160.95	4.22	160.93	4.68	160.92	5.15	160.90	5.62
42	161.97	3.30	161.96	3.77	161.95	4.25	161.93	4.71	161.92	5.18	161.90	5.65
43	162.97	3.32	162.96	3.79	162.95	4.27	162.93	4.74	162.92	5.21	162.90	5.69
44	163.97	3.34	163.96	3.82	163.95	4.30	163.93	4.77	163.92	5.24	163.90	5.72
45	164.97	3.36	164.96	3.84	164.95	4.32	164.93	4.80	164.92	5.28	164.90	5.76
46	165.97	3.38	165.96	3.86	165.95	4.35	165.93	4.83	165.91	5.31	165.90	5.79
47	166.97	3.40	166.96	3.89	166.95	4.38	166.93	4.86	166.91	5.34	166.90	5.83
48	167.97	3.42	167.95	3.91	167.95	4.40	167.93	4.89	167.91	5.37	167.90	5.86
49	168.97	3.44	168.95	3.93	168.95	4.43	168.93	4.92	168.91	5.40	168.90	5.90
50	169.97	3.46	169.95	3.96	169.95	4.45	169.93	4.94	169.91	5.44	169.90	5.93
51	170.97	3.48	170.95	3.98	170.95	4.48	170.93	4.97	170.91	5.47	170.90	5.97
52	171.96	3.50	171.95	4.00	171.95	4.51	171.93	5.00	171.91	5.50	171.89	6.00
53	172.96	3.52	172.95	4.03	172.95	4.53	172.93	5.03	172.91	5.53	172.89	6.04
54	173.96	3.54	173.95	4.05	173.95	4.56	173.93	5.06	173.91	5.56	173.89	6.07
55	174.96	3.56	174.95	4.07	174.95	4.59	174.93	5.09	174.91	5.60	174.89	6.11
56	175.96	3.58	175.95	4.09	175.95	4.61	175.93	5.12	175.91	5.63	175.89	6.14
57	176.96	3.60	176.95	4.12	176.95	4.64	176.93	5.15	176.91	5.66	176.89	6.18
58	177.96	3.62	177.95	4.14	177.95	4.66	177.93	5.16	177.91	5.69	177.89	6.21
59	178.96	3.64	178.95	4.16	178.95	4.69	178.93	5.21	178.91	5.72	178.89	6.25
60	179.96	3.66	179.95	4.19	179.95	4.71	179.92	5.28	179.91	5.76	179.89	6.28

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

☐	10′		20′		30′		40′		50′		60′	
″	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
0	180.96	3.68	180.95	4.21	180.94	4.74	180.93	5.26	180.91	5.79	180.89	6.31
1	181.96	3.70	181.95	4.23	181.94	4.76	181.93	5.29	181.91	5.82	181.89	6.34
2	182.96	3.72	182.95	4.25	182.94	4.78	182.93	5.31	182.91	5.84	182.89	6.37
3	183.96	3.73	183.95	4.27	183.94	4.80	183.93	5.33	183.91	5.86	183.89	6.39
4	184.96	3.75	184.95	4.29	184.94	4.82	184.93	5.35	184.91	5.88	184.89	6.41
5	185.96	3.77	185.95	4.31	185.94	4.84	185.93	5.37	185.91	5.90	185.89	6.43
6	186.96	3.79	186.95	4.33	186.94	4.86	186.93	5.39	186.91	5.92	186.89	6.45
7	187.96	3.81	187.95	4.35	187.94	4.88	187.93	5.41	187.91	5.94	187.89	6.47
8	188.96	3.83	188.95	4.37	188.94	4.90	188.93	5.43	188.91	5.96	188.89	6.49
9	189.96	3.85	189.95	4.39	189.94	4.92	189.93	5.45	189.91	5.98	189.89	6.51
10	190.96	3.87	190.95	4.41	190.94	4.94	190.93	5.47	190.91	6.00	190.89	6.53
11	191.96	3.89	191.95	4.43	191.94	4.96	191.93	5.49	191.91	6.02	191.89	6.55
12	192.96	3.91	192.95	4.45	192.94	4.98	192.93	5.51	192.91	6.04	192.89	6.57
13	193.96	3.93	193.95	4.47	193.94	5.00	193.93	5.53	193.91	6.06	193.89	6.59
14	194.96	3.95	194.95	4.49	194.94	5.02	194.93	5.55	194.91	6.08	194.89	6.61
15	195.96	3.97	195.95	4.51	195.94	5.04	195.93	5.57	195.91	6.10	195.89	6.63
16	196.96	3.99	196.95	4.53	196.94	5.06	196.93	5.59	196.91	6.12	196.89	6.65
17	197.96	4.01	197.95	4.55	197.94	5.08	197.93	5.61	197.91	6.14	197.89	6.67
18	198.96	4.03	198.95	4.57	198.94	5.10	198.93	5.63	198.91	6.16	198.89	6.69
19	199.96	4.05	199.95	4.59	199.94	5.12	199.93	5.65	199.91	6.18	199.89	6.71
20	200.96	4.07	200.95	4.61	200.94	5.14	200.93	5.67	200.91	6.20	200.89	6.73
21	201.96	4.09	201.95	4.63	201.94	5.16	201.93	5.69	201.91	6.22	201.89	6.75
22	202.96	4.11	202.95	4.65	202.94	5.18	202.93	5.71	202.91	6.24	202.89	6.77
23	203.96	4.13	203.95	4.67	203.94	5.20	203.93	5.73	203.91	6.26	203.89	6.79
24	204.96	4.15	204.95	4.69	204.94	5.22	204.93	5.75	204.91	6.28	204.89	6.81
25	205.96	4.17	205.95	4.71	205.94	5.24	205.93	5.77	205.91	6.30	205.89	6.83
26	206.96	4.19	206.95	4.73	206.94	5.26	206.93	5.79	206.91	6.32	206.89	6.85
27	207.96	4.21	207.95	4.75	207.94	5.28	207.93	5.81	207.91	6.34	207.89	6.87
28	208.96	4.23	208.95	4.77	208.94	5.30	208.93	5.83	208.91	6.36	208.89	6.89
29	209.96	4.25	209.95	4.79	209.94	5.32	209.93	5.85	209.91	6.38	209.89	6.91
30	210.96	4.27	210.95	4.81	210.94	5.34	210.93	5.87	210.91	6.40	210.89	6.93
31	211.96	4.29	211.95	4.83	211.94	5.36	211.93	5.89	211.91	6.42	211.89	6.95
32	212.96	4.31	212.95	4.85	212.94	5.38	212.93	5.91	212.91	6.44	212.89	6.97
33	213.96	4.33	213.95	4.87	213.94	5.40	213.93	5.93	213.91	6.46	213.89	6.99
34	214.96	4.35	214.95	4.89	214.94	5.42	214.93	5.95	214.91	6.48	214.89	7.01
35	215.96	4.37	215.95	4.91	215.94	5.44	215.93	5.97	215.91	6.50	215.89	7.03
36	216.96	4.39	216.95	4.93	216.94	5.46	216.93	5.99	216.91	6.52	216.89	7.05
37	217.96	4.41	217.95	4.95	217.94	5.48	217.93	6.01	217.91	6.54	217.89	7.07
38	218.96	4.43	218.95	4.97	218.94	5.50	218.93	6.03	218.91	6.56	218.89	7.09
39	219.96	4.45	219.95	4.99	219.94	5.52	219.93	6.05	219.91	6.58	219.89	7.11
40	220.95	4.47	220.94	5.01	220.93	5.54	220.92	6.07	220.91	6.60	220.89	7.13
41	221.95	4.49	221.94	5.03	221.93	5.56	221.92	6.09	221.91	6.62	221.89	7.15
42	222.95	4.51	222.94	5.05	222.93	5.58	222.92	6.11	222.91	6.64	222.89	7.17
43	223.95	4.53	223.94	5.07	223.93	5.60	223.92	6.13	223.91	6.66	223.89	7.19
44	224.95	4.55	224.94	5.09	224.93	5.62	224.92	6.15	224.91	6.68	224.89	7.21
45	225.95	4.57	225.94	5.11	225.93	5.64	225.92	6.17	225.91	6.70	225.89	7.23
46	226.95	4.59	226.94	5.13	226.93	5.66	226.92	6.19	226.90	6.72	226.89	7.25
47	227.95	4.61	227.94	5.15	227.93	5.68	227.92	6.21	227.90	6.74	227.88	7.27
48	228.95	4.63	228.94	5.17	228.93	5.70	228.92	6.23	228.90	6.76	228.88	7.29
49	229.95	4.65	229.94	5.19	229.93	5.72	229.92	6.25	229.90	6.78	229.88	7.31
50	230.95	4.67	230.94	5.21	230.93	5.74	230.92	6.27	230.90	6.80	230.88	7.33
51	231.95	4.69	231.94	5.23	231.93	5.76	231.92	6.29	231.90	6.82	231.88	7.35
52	232.95	4.71	232.94	5.25	232.93	5.78	232.92	6.31	232.90	6.84	232.88	7.37
53	233.95	4.73	233.94	5.27	233.93	5.80	233.92	6.33	233.90	6.86	233.88	7.39
54	234.95	4.75	234.94	5.29	234.93	5.82	234.92	6.35	234.90	6.88	234.88	7.41
55	235.95	4.77	235.94	5.31	235.93	5.84	235.92	6.37	235.90	6.90	235.88	7.43
56	236.95	4.79	236.94	5.33	236.93	5.86	236.92	6.39	236.90	6.92	236.88	7.45
57	237.95	4.81	237.94	5.35	237.93	5.88	237.92	6.41	237.90	6.94	237.88	7.47
58	238.95	4.83	238.94	5.37	238.93	5.90	238.92	6.43	238.90	6.96	238.88	7.49
59	239.95	4.85	239.94	5.39	239.93	5.92	239.92	6.45	239.90	6.98	239.88	7.51
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	240.95	4.91	240.93	5.60	240.89	6.31	240.90	7.02	240.88	7.73	240.84	8.45
42	241.95	4.93	241.93	5.62	241.92	6.33	241.90	7.03	241.88	7.75	241.86	8.45
43	242.95	4.95	242.93	5.65	242.92	6.36	242.90	7.06	242.88	7.78	242.86	8.48
44	243.95	4.97	243.93	5.67	243.92	6.39	243.90	7.09	243.88	7.81	243.86	8.52
45	244.95	4.99	244.93	5.70	244.92	6.41	244.90	7.12	244.87	7.84	244.85	8.56
46	245.95	5.01	245.93	5.72	245.92	6.44	245.90	7.15	245.87	7.87	245.85	8.59
47	246.95	5.03	246.93	5.75	246.92	6.47	246.90	7.18	246.87	7.91	246.85	8.63
48	247.95	5.05	247.93	5.77	247.92	6.49	247.90	7.21	247.87	7.94	247.85	8.66
49	248.95	5.07	248.93	5.80	248.92	6.52	248.90	7.24	248.87	7.97	248.85	8.70
250	249.95	5.09	249.93	5.82	249.91	6.55	249.90	7.27	249.87	8.00	249.85	8.73
51	250.95	5.11	250.93	5.84	250.91	6.57	250.89	7.29	250.87	8.04	250.85	8.76
52	251.95	5.13	251.93	5.87	251.91	6.59	251.89	7.32	251.87	8.07	251.85	8.80
53	252.95	5.15	252.93	5.89	252.91	6.62	252.89	7.35	252.87	8.10	252.85	8.83
54	253.95	5.17	253.93	5.92	253.91	6.65	253.89	7.38	253.87	8.13	253.85	8.87
55	254.95	5.19	254.93	5.94	254.91	6.67	254.89	7.41	254.87	8.17	254.84	8.90
56	255.95	5.21	255.93	5.97	255.91	6.70	255.89	7.44	255.87	8.20	255.84	8.94
57	256.95	5.23	256.93	5.99	256.91	6.73	256.89	7.47	256.87	8.23	256.84	8.97
58	257.95	5.25	257.93	6.01	257.91	6.75	257.89	7.50	257.87	8.26	257.84	9.01
59	258.95	5.27	258.93	6.03	258.91	6.78	258.89	7.53	258.87	8.29	258.84	9.04
260	259.95	5.29	259.93	6.05	259.91	6.81	259.89	7.56	259.87	8.32	259.84	9.07
61	260.95	5.32	260.93	6.07	260.91	6.83	260.89	7.58	260.87	8.36	260.84	9.11
62	261.94	5.34	261.93	6.09	261.91	6.86	261.89	7.61	261.87	8.39	261.84	9.14
63	262.94	5.36	262.93	6.12	262.91	6.88	262.89	7.64	262.87	8.42	262.84	9.18
64	263.94	5.38	263.93	6.14	263.91	6.91	263.89	7.67	263.87	8.45	263.84	9.21
65	264.94	5.40	264.93	6.16	264.91	6.94	264.89	7.70	264.86	8.48	264.84	9.25
66	265.94	5.42	265.93	6.19	265.91	6.96	265.89	7.73	265.86	8.51	265.84	9.28
67	266.94	5.44	266.93	6.21	266.91	6.99	266.89	7.76	266.86	8.54	266.84	9.32
68	267.94	5.46	267.93	6.23	267.91	7.02	267.89	7.79	267.86	8.58	267.84	9.35
69	268.94	5.48	268.93	6.26	268.91	7.04	268.89	7.82	268.86	8.61	268.84	9.39
270	269.94	5.50	269.93	6.28	269.91	7.07	269.89	7.85	269.86	8.64	269.84	9.42
71	270.94	5.52	270.93	6.31	270.91	7.09	270.89	7.87	270.86	8.67	270.84	9.46
72	271.94	5.54	271.93	6.33	271.91	7.12	271.89	7.90	271.86	8.71	271.83	9.49
73	272.94	5.56	272.93	6.35	272.91	7.15	272.89	7.93	272.86	8.74	272.83	9.53
74	273.94	5.58	273.93	6.38	273.91	7.17	273.89	7.96	273.86	8.77	273.83	9.56
75	274.94	5.60	274.93	6.40	274.91	7.20	274.88	7.99	274.86	8.80	274.83	9.60
76	275.94	5.62	275.93	6.42	275.91	7.23	275.88	8.02	275.86	8.83	275.83	9.63
77	276.94	5.64	276.93	6.45	276.91	7.25	276.88	8.05	276.86	8.87	276.83	9.67
78	277.94	5.66	277.92	6.47	277.91	7.28	277.88	8.08	277.86	8.90	277.83	9.70
79	278.94	5.68	278.92	6.49	278.90	7.31	278.88	8.11	278.86	8.93	278.83	9.74
280	279.94	5.70	279.92	6.52	279.90	7.33	279.88	8.14	279.86	8.96	279.83	9.77
81	280.94	5.72	280.92	6.54	280.90	7.36	280.88	8.16	280.86	8.99	280.83	9.81
82	281.94	5.74	281.92	6.56	281.90	7.39	281.88	8.19	281.86	9.03	281.83	9.84
83	282.94	5.76	282.92	6.59	282.90	7.41	282.88	8.22	282.86	9.06	282.83	9.88
84	283.94	5.78	283.92	6.61	283.90	7.44	283.88	8.25	283.85	9.09	283.83	9.91
85	284.94	5.80	284.92	6.63	284.90	7.47	284.88	8.28	284.85	9.12	284.83	9.95
86	285.94	5.82	285.92	6.66	285.90	7.49	285.88	8.31	285.85	9.15	285.83	9.99
87	286.94	5.84	286.92	6.68	286.90	7.52	286.88	8.34	286.85	9.18	286.83	10.02
88	287.94	5.86	287.92	6.70	287.90	7.55	287.88	8.37	287.85	9.22	287.82	10.06
89	288.94	5.88	288.92	6.73	288.90	7.57	288.88	8.40	288.85	9.25	288.82	10.09
290	289.94	5.90	289.92	6.75	289.90	7.59	289.88	8.43	289.85	9.28	289.82	10.12
91	290.94	5.93	290.92	6.77	290.90	7.62	290.88	8.45	290.85	9.31	290.82	10.16
92	291.94	5.95	291.92	6.80	291.90	7.64	291.88	8.48	291.85	9.35	291.82	10.19
93	292.94	5.97	292.92	6.82	292.90	7.67	292.88	8.51	292.85	9.38	292.82	10.23
94	293.94	5.99	293.92	6.84	293.90	7.69	293.88	8.54	293.85	9.41	293.82	10.26
95	294.94	6.01	294.92	6.87	294.90	7.72	294.88	8.57	294.85	9.44	294.82	10.30
96	295.94	6.03	295.92	6.89	295.90	7.75	295.88	8.60	295.85	9.47	295.82	10.33
97	296.94	6.05	296.92	6.91	296.90	7.77	296.88	8.63	296.85	9.50	296.82	10.37
98	297.94	6.07	297.92	6.94	297.90	7.80	297.88	8.66	297.85	9.54	297.82	10.40
99	298.94	6.09	298.92	6.96	298.90	7.82	298.88	8.69	298.85	9.57	298.82	10.44
300	299.94	6.11	299.92	6.98	299.90	7.85	299.88	8.72	299.85	9.60	299.82	10.47
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

D.	10′		20′		30′		40′		50′		60′	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	1.00	0.04	1.00	0.04	1.00	0.04	1.00	0.05	1.00	0.05	1.00	0.06
2	2.00	0.08	2.00	0.08	2.00	0.09	2.00	0.09	2.00	0.10	2.00	0.11
3	3.00	0.11	3.00	0.12	3.00	0.13	3.00	0.14	3.00	0.15	3.00	0.17
4	4.00	0.15	4.00	0.16	4.00	0.17	4.00	0.19	4.00	0.20	3.99	0.22
5	5.00	0.19	5.00	0.20	5.00	0.22	4.99	0.23	4.99	0.25	4.99	0.28
6	6.00	0.23	6.00	0.24	5.99	0.26	5.99	0.28	5.99	0.30	5.99	0.33
7	7.00	0.27	6.99	0.28	6.99	0.31	6.99	0.33	6.99	0.35	6.99	0.39
8	7.99	0.30	7.99	0.33	7.99	0.35	7.99	0.37	7.99	0.40	7.99	0.44
9	8.99	0.34	8.99	0.37	8.99	0.39	8.99	0.42	8.99	0.44	8.99	0.47
10	9.99	0.38	9.99	0.41	9.99	0.44	9.99	0.47	9.99	0.49	9.99	0.52
11	10.99	0.42	10.99	0.45	10.99	0.48	10.99	0.51	10.99	0.54	10.98	0.58
12	11.99	0.46	11.99	0.49	11.99	0.52	11.99	0.56	11.99	0.59	11.98	0.63
13	12.99	0.49	12.99	0.53	12.99	0.57	12.98	0.60	12.98	0.64	12.98	0.68
14	13.99	0.53	13.99	0.57	13.99	0.61	13.98	0.65	13.98	0.69	13.98	0.73
15	14.99	0.57	14.99	0.61	14.99	0.66	14.98	0.70	14.98	0.74	14.98	0.79
16	15.99	0.61	15.99	0.65	15.99	0.70	15.98	0.74	15.98	0.79	15.98	0.84
17	16.99	0.65	16.99	0.69	16.98	0.74	16.98	0.79	16.98	0.84	16.98	0.89
18	17.99	0.68	17.99	0.73	17.98	0.79	17.98	0.84	17.98	0.89	17.98	0.94
19	18.99	0.72	18.99	0.77	18.98	0.83	18.98	0.88	18.98	0.94	18.97	1.00
20	19.99	0.76	19.98	0.81	19.98	0.87	19.98	0.93	19.98	0.99	19.97	1.05
21	20.99	0.80	20.98	0.85	20.98	0.92	20.98	0.97	20.97	1.04	20.97	1.10
22	21.99	0.83	21.98	0.89	21.98	0.96	21.98	1.02	21.97	1.09	21.97	1.15
23	22.98	0.87	22.98	0.94	22.98	1.00	22.97	1.06	22.97	1.14	22.97	1.20
24	23.98	0.91	23.98	0.98	23.98	1.05	23.97	1.11	23.97	1.18	23.97	1.26
25	24.98	0.95	24.98	1.02	24.98	1.09	24.97	1.16	24.97	1.23	24.97	1.31
26	25.98	0.98	25.98	1.06	25.98	1.14	25.97	1.20	25.97	1.28	25.96	1.36
27	26.98	1.02	26.98	1.10	26.98	1.18	26.97	1.25	26.97	1.33	26.96	1.42
28	27.98	1.06	27.98	1.14	27.97	1.22	27.97	1.30	27.97	1.38	27.96	1.47
29	28.98	1.09	28.98	1.18	28.97	1.27	28.97	1.35	28.97	1.43	28.96	1.52
30	29.98	1.18	29.98	1.22	29.97	1.31	29.97	1.40	29.96	1.48	29.96	1.57
31	30.98	1.17	30.98	1.26	30.97	1.35	30.97	1.44	30.96	1.53	30.96	1.62
32	31.98	1.21	31.97	1.30	31.97	1.40	31.97	1.49	31.96	1.58	31.96	1.68
33	32.98	1.25	32.97	1.34	32.97	1.44	32.96	1.54	32.96	1.63	32.95	1.73
34	33.98	1.28	33.97	1.38	33.97	1.48	33.96	1.58	33.96	1.68	33.95	1.78
35	34.97	1.32	34.97	1.42	34.97	1.53	34.96	1.63	34.96	1.78	34.95	1.83
36	35.97	1.36	35.97	1.46	35.97	1.57	35.96	1.67	35.96	1.78	35.95	1.88
37	36.97	1.40	36.97	1.50	36.97	1.61	36.96	1.72	36.96	1.83	36.95	1.94
38	37.97	1.43	37.97	1.55	37.96	1.66	37.96	1.77	37.95	1.88	37.95	1.99
39	38.97	1.47	38.97	1.59	38.96	1.70	38.96	1.81	38.95	1.93	38.95	2.04
40	39.97	1.51	39.97	1.63	39.96	1.74	39.96	1.86	39.95	1.98	39.95	2.09
41	40.97	1.55	40.97	1.67	40.96	1.79	40.96	1.91	40.95	2.03	40.94	2.15
42	41.97	1.59	41.97	1.71	41.96	1.83	41.96	1.95	41.95	2.08	41.94	2.20
43	42.97	1.62	42.97	1.75	42.96	1.87	42.95	2.00	42.95	2.13	42.94	2.25
44	43.97	1.66	43.96	1.79	43.96	1.92	43.95	2.05	43.95	2.17	43.94	2.30
45	44.97	1.70	44.96	1.83	44.96	1.96	44.95	2.09	44.95	2.22	44.94	2.36
46	45.97	1.74	45.96	1.87	45.96	2.01	45.95	2.14	45.95	2.27	45.94	2.41
47	46.97	1.77	46.96	1.91	46.96	2.05	46.95	2.19	46.94	2.32	46.94	2.46
48	47.97	1.81	47.96	1.96	47.95	2.09	47.95	2.23	47.94	2.37	47.94	2.51
49	48.96	1.85	48.96	1.99	48.95	2.13	48.95	2.28	48.94	2.42	48.93	2.57
50	49.96	1.89	49.96	2.04	49.95	2.18	49.95	2.33	49.94	2.47	49.93	2.62
51	50.96	1.93	50.96	2.08	50.95	2.22	50.95	2.37	50.94	2.52	50.93	2.67
52	51.96	1.96	51.96	2.12	51.95	2.26	51.95	2.42	51.94	2.57	51.93	2.72
53	52.96	2.00	52.96	2.16	52.95	2.31	52.94	2.46	52.94	2.62	52.93	2.77
54	53.96	2.04	53.96	2.20	53.95	2.35	53.94	2.51	53.94	2.67	53.93	2.83
55	54.96	2.08	54.95	2.24	54.95	2.40	54.94	2.56	54.93	2.72	54.93	2.88
56	55.96	2.11	55.95	2.28	55.95	2.44	55.94	2.60	55.93	2.77	55.92	2.93
57	56.96	2.15	56.95	2.32	56.95	2.48	56.94	2.65	56.93	2.82	56.92	2.98
58	57.96	2.19	57.95	2.36	57.95	2.53	57.94	2.70	57.93	2.87	57.92	3.04
59	58.96	2.23	58.95	2.40	58.95	2.57	58.94	2.74	58.93	2.92	58.92	3.09
60	59.96	2.27	59.95	2.44	59.94	2.62	59.94	2.79	59.93	2.97	59.92	3.14
	D. L. 50′		D. L. 40′		D. L. 30′		D. L. 20′		D. L. 10′		D. L. 0′	

2°

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.96	2.31	60.95	2.46	60.94	2.60	60.93	2.74	60.92	2.89	60.91	3.03
62	61.96	2.35	61.95	2.50	61.94	2.64	61.93	2.78	61.92	2.93	61.91	3.07
63	62.96	2.39	62.95	2.54	62.94	2.68	62.93	2.83	62.92	2.97	62.91	3.12
64	63.96	2.43	63.95	2.58	63.94	2.72	63.93	2.87	63.92	3.02	63.91	3.16
65	64.95	2.47	64.95	2.62	64.94	2.77	64.93	2.91	64.92	3.06	64.91	3.21
66	65.95	2.51	65.94	2.66	65.94	2.81	65.93	2.96	65.92	3.10	65.91	3.25
67	66.95	2.55	66.94	2.70	66.94	2.85	66.93	3.00	66.92	3.15	66.91	3.30
68	67.95	2.59	67.94	2.74	67.94	2.89	67.93	3.04	67.92	3.19	67.91	3.34
69	68.95	2.63	68.94	2.78	68.93	2.93	68.93	3.08	68.92	3.23	68.91	3.38
70	69.95	2.67	69.94	2.83	69.93	2.98	69.93	3.13	69.91	3.28	69.90	3.43
71	70.95	2.70	70.94	2.89	70.93	3.09	70.93	3.31	70.92	3.51	70.91	3.72
72	71.95	2.74	71.94	2.93	71.93	3.14	71.93	3.36	71.91	3.56	71.90	3.77
73	72.95	2.77	72.94	2.97	72.93	3.18	72.92	3.40	72.91	3.61	72.90	3.82
74	73.95	2.80	73.94	3.01	73.93	3.22	73.92	3.44	73.91	3.68	73.90	3.86
75	74.95	2.84	74.94	3.05	74.93	3.27	74.92	3.48	74.91	3.71	74.90	3.91
76	75.95	2.87	75.94	3.09	75.93	3.31	75.92	3.53	75.91	3.76	75.90	3.96
77	76.95	2.91	76.94	3.13	76.93	3.35	76.92	3.58	76.91	3.81	76.90	4.01
78	77.94	2.94	77.94	3.17	77.93	3.40	77.92	3.62	77.90	3.85	77.89	4.05
79	78.94	2.98	78.93	3.21	78.92	3.44	78.91	3.67	78.90	3.90	78.89	4.10
80	79.94	3.02	79.93	3.26	79.92	3.49	79.91	3.72	79.90	3.95	79.89	4.15
81	80.94	3.06	80.93	3.30	80.92	3.53	80.91	3.77	80.90	4.00	80.89	4.24
82	81.94	3.09	81.93	3.34	81.92	3.58	81.91	3.81	81.90	4.05	81.89	4.25
83	82.94	3.13	82.93	3.38	82.92	3.62	82.91	3.86	82.90	4.10	82.89	4.35
84	83.94	3.17	83.93	3.42	83.92	3.67	83.91	3.91	83.90	4.15	83.89	4.40
85	84.94	3.21	84.93	3.46	84.92	3.71	84.91	3.95	84.90	4.20	84.88	4.45
86	85.94	3.25	85.93	3.50	85.92	3.76	85.91	4.00	85.89	4.25	85.88	4.50
87	86.94	3.29	86.93	3.54	86.92	3.80	86.91	4.05	86.89	4.30	86.88	4.56
88	87.94	3.33	87.93	3.58	87.92	3.85	87.90	4.09	87.89	4.35	87.88	4.61
89	88.94	3.36	88.93	3.62	88.92	3.89	88.90	4.14	88.89	4.40	88.88	4.66
90	89.94	3.40	89.93	3.66	89.91	3.93	89.90	4.19	89.89	4.45	89.88	4.71
91	90.94	3.44	90.93	3.70	90.91	3.97	90.90	4.24	90.89	4.50	90.88	4.76
92	91.93	3.48	91.93	3.75	91.91	4.01	91.90	4.28	91.89	4.55	91.87	4.81
93	92.93	3.52	92.92	3.79	92.91	4.06	92.90	4.33	92.89	4.60	92.87	4.87
94	93.93	3.55	93.92	3.83	93.91	4.10	93.90	4.38	93.88	4.65	93.87	4.92
95	94.93	3.59	94.92	3.87	94.91	4.14	94.90	4.42	94.88	4.70	94.87	4.97
96	95.93	3.63	95.92	3.91	95.91	4.19	95.90	4.47	95.88	4.75	95.87	5.02
97	96.93	3.67	96.92	3.95	96.91	4.23	96.89	4.52	96.88	4.79	96.87	5.08
98	97.93	3.70	97.92	3.99	97.91	4.27	97.89	4.56	97.88	4.84	97.87	5.13
99	98.93	3.74	98.92	4.03	98.91	4.32	98.89	4.61	98.88	4.89	98.87	5.18
100	99.93	3.78	99.92	4.07	99.91	4.36	99.89	4.65	99.88	4.94	99.86	5.23
1	100.93	3.82	100.92	4.11	100.90	4.40	100.89	4.70	100.88	4.99	100.86	5.28
2	101.93	3.86	101.91	4.16	101.90	4.45	101.89	4.75	101.87	5.04	101.86	5.34
3	102.93	3.89	102.91	4.20	102.90	4.49	102.89	4.79	102.87	5.08	102.86	5.38
4	103.93	3.93	103.91	4.24	103.90	4.54	103.88	4.84	103.87	5.14	103.86	5.45
5	104.93	3.97	104.91	4.28	104.90	4.58	104.88	4.89	104.87	5.19	104.86	5.50
6	105.92	4.01	105.91	4.32	105.90	4.63	105.88	4.94	105.87	5.24	105.86	5.55
7	106.92	4.05	106.91	4.36	106.90	4.67	106.88	4.98	106.87	5.29	106.86	5.60
8	107.92	4.08	107.91	4.40	107.90	4.72	107.88	5.03	107.87	5.34	107.85	5.66
9	108.92	4.12	108.91	4.44	108.90	4.76	108.88	5.08	108.87	5.39	108.85	5.71
10	109.92	4.16	109.91	4.48	109.90	4.80	109.88	5.12	109.87	5.44	109.86	5.76
11	110.92	4.20	110.91	4.52	110.89	4.84	110.88	5.17	110.86	5.48	110.85	5.81
12	111.92	4.24	111.91	4.57	111.89	4.89	111.88	5.22	111.86	5.53	111.85	5.86
13	112.92	4.28	112.91	4.61	112.89	4.93	112.88	5.26	112.86	5.58	112.85	5.92
14	113.92	4.31	113.91	4.65	113.89	4.97	113.88	5.31	113.86	5.63	113.85	5.97
15	114.92	4.35	114.90	4.69	114.89	5.02	114.88	5.35	114.86	5.68	114.85	6.02
16	115.92	4.39	115.90	4.73	115.89	5.06	115.88	5.40	115.86	5.73	115.84	6.07
17	116.92	4.43	116.90	4.77	116.89	5.10	116.87	5.44	116.86	5.78	116.84	6.13
18	117.92	4.47	117.90	4.81	117.89	5.15	117.87	5.49	117.86	5.83	117.84	6.18
19	118.92	4.50	118.90	4.85	118.89	5.19	118.87	5.53	118.85	5.88	118.84	6.23
120	119.91	4.54	119.90	4.89	119.89	5.23	119.87	5.58	119.85	5.93	119.84	6.28

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'

87°

	10°		20°		30°		40°		50°		60°	
☉	Lᵗ	Dᵉ	Lᵗ	Dᵉ	Lᵗ	Dᵉ	Lᵗ	Dᵉ	Lᵗ	Dᵉ	Lᵗ	Dᵉ
0	120.91	4.50	120.86	4.89	120.86	5.28	120.86	5.67	120.86	6.06	120.86	6.45
1	121.91	4.53	121.86	4.92	121.86	5.31	121.86	5.70	121.86	6.09	121.86	6.48
2	122.91	4.56	122.86	4.95	122.86	5.34	122.86	5.73	122.86	6.12	122.86	6.51
3	123.91	4.59	123.86	4.98	123.86	5.37	123.86	5.76	123.86	6.15	123.86	6.54
4	124.91	4.62	124.86	5.01	124.86	5.40	124.86	5.79	124.86	6.18	124.86	6.57
5	125.91	4.65	125.86	5.04	125.86	5.43	125.86	5.82	125.86	6.21	125.86	6.60
6	126.91	4.68	126.86	5.07	126.86	5.46	126.86	5.85	126.86	6.24	126.86	6.63
7	127.91	4.71	127.86	5.10	127.86	5.49	127.86	5.88	127.86	6.27	127.86	6.66
8	128.91	4.74	128.86	5.13	128.86	5.52	128.86	5.91	128.86	6.30	128.86	6.69
9	129.91	4.77	129.86	5.16	129.86	5.55	129.86	5.94	129.86	6.33	129.86	6.72
10	130.91	4.80	130.86	5.19	130.86	5.58	130.86	5.97	130.86	6.36	130.86	6.75
11	131.91	4.83	131.86	5.22	131.86	5.61	131.86	6.00	131.86	6.39	131.86	6.78
12	132.91	4.86	132.86	5.25	132.86	5.64	132.86	6.03	132.86	6.42	132.86	6.81
13	133.91	4.89	133.86	5.28	133.86	5.67	133.86	6.06	133.86	6.45	133.86	6.84
14	134.90	4.92	134.86	5.31	134.86	5.70	134.86	6.09	134.86	6.48	134.86	6.87
15	135.90	4.95	135.86	5.34	135.86	5.73	135.86	6.12	135.86	6.51	135.86	6.90
16	136.90	4.98	136.86	5.37	136.86	5.76	136.86	6.15	136.86	6.54	136.86	6.93
17	137.90	5.01	137.86	5.40	137.86	5.79	137.86	6.18	137.86	6.57	137.86	6.96
18	138.90	5.04	138.86	5.43	138.86	5.82	138.86	6.21	138.86	6.60	138.86	6.99
19	139.90	5.07	139.86	5.46	139.86	5.85	139.86	6.24	139.86	6.63	139.86	7.02
20	140.90	5.10	140.86	5.49	140.86	5.88	140.86	6.27	140.86	6.66	140.86	7.05
21	141.90	5.13	141.86	5.52	141.86	5.91	141.86	6.30	141.86	6.69	141.86	7.08
22	142.90	5.16	142.86	5.55	142.86	5.94	142.86	6.33	142.86	6.72	142.86	7.11
23	143.90	5.19	143.86	5.58	143.86	5.97	143.86	6.36	143.86	6.75	143.86	7.14
24	144.90	5.22	144.86	5.61	144.86	6.00	144.86	6.39	144.86	6.78	144.86	7.17
25	145.90	5.25	145.86	5.64	145.86	6.03	145.86	6.42	145.86	6.81	145.86	7.20
26	146.90	5.28	146.86	5.67	146.86	6.06	146.86	6.45	146.86	6.84	146.86	7.23
27	147.89	5.31	147.86	5.70	147.86	6.09	147.86	6.48	147.86	6.87	147.86	7.26
28	148.89	5.34	148.86	5.73	148.86	6.12	148.86	6.51	148.86	6.90	148.86	7.29
29	149.89	5.37	149.86	5.76	149.86	6.15	149.86	6.54	149.86	6.93	149.86	7.32
30	150.89	5.40	150.86	5.79	150.86	6.18	150.86	6.57	150.86	6.96	150.86	7.35
31	151.89	5.43	151.86	5.82	151.86	6.21	151.86	6.60	151.86	6.99	151.86	7.38
32	152.89	5.46	152.86	5.85	152.86	6.24	152.86	6.63	152.86	7.02	152.86	7.41
33	153.89	5.49	153.86	5.88	153.86	6.27	153.86	6.66	153.86	7.05	153.86	7.44
34	154.89	5.52	154.86	5.91	154.86	6.30	154.86	6.69	154.86	7.08	154.86	7.47
35	155.89	5.55	155.86	5.94	155.86	6.33	155.86	6.72	155.86	7.11	155.86	7.50
36	156.89	5.58	156.86	5.97	156.86	6.36	156.86	6.75	156.86	7.14	156.86	7.53
37	157.89	5.61	157.86	6.00	157.86	6.39	157.86	6.78	157.86	7.17	157.86	7.56
38	158.89	5.64	158.86	6.03	158.86	6.42	158.86	6.81	158.86	7.20	158.86	7.59
39	159.89	5.67	159.86	6.06	159.86	6.45	159.86	6.84	159.86	7.23	159.86	7.62
40	160.89	5.70	160.86	6.09	160.86	6.48	160.86	6.87	160.86	7.26	160.86	7.65
41	161.89	5.73	161.86	6.12	161.86	6.51	161.86	6.90	161.86	7.29	161.86	7.68
42	162.89	5.76	162.86	6.15	162.86	6.54	162.86	6.93	162.86	7.32	162.86	7.71
43	163.89	5.79	163.86	6.18	163.86	6.57	163.86	6.96	163.86	7.35	163.86	7.74
44	164.89	5.82	164.86	6.21	164.86	6.60	164.86	6.99	164.86	7.38	164.86	7.77
45	165.89	5.85	165.86	6.24	165.86	6.63	165.86	7.02	165.86	7.41	165.86	7.80
46	166.89	5.88	166.86	6.27	166.86	6.66	166.86	7.05	166.86	7.44	166.86	7.83
47	167.89	5.91	167.86	6.30	167.86	6.69	167.86	7.08	167.86	7.47	167.86	7.86
48	168.89	5.94	168.86	6.33	168.86	6.72	168.86	7.11	168.86	7.50	168.86	7.89
49	169.89	5.97	169.86	6.36	169.86	6.75	169.86	7.14	169.86	7.53	169.86	7.92
50	170.89	6.00	170.86	6.39	170.86	6.78	170.86	7.17	170.86	7.56	170.86	7.95
51	171.89	6.03	171.86	6.42	171.86	6.81	171.86	7.20	171.86	7.59	171.86	7.98
52	172.89	6.06	172.86	6.45	172.86	6.84	172.86	7.23	172.86	7.62	172.86	8.01
53	173.89	6.09	173.86	6.48	173.86	6.87	173.86	7.26	173.86	7.65	173.86	8.04
54	174.89	6.12	174.86	6.51	174.86	6.90	174.86	7.29	174.86	7.68	174.86	8.07
55	175.89	6.15	175.86	6.54	175.86	6.93	175.86	7.32	175.86	7.71	175.86	8.10
56	176.89	6.18	176.86	6.57	176.86	6.96	176.86	7.35	176.86	7.74	176.86	8.13
57	177.89	6.21	177.86	6.60	177.86	6.99	177.86	7.38	177.86	7.77	177.86	8.16
58	178.89	6.24	178.86	6.63	178.86	7.02	178.86	7.41	178.86	7.80	178.86	8.19
59	179.89	6.27	179.86	6.66	179.86	7.05	179.86	7.44	179.86	7.83	179.86	8.22
60	180.89	6.30	180.86	6.69	180.86	7.08	180.86	7.47	180.86	7.86	180.86	8.25

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist. P	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
81	180.87	6.85	180.83	7.37	180.83	7.90	180.80	8.43	180.78	8.94	180.75	9.48
82	181.87	6.89	181.85	7.41	181.83	7.94	181.80	8.47	181.78	8.99	181.75	9.53
83	182.87	6.93	182.86	7.45	182.83	7.98	182.80	8.52	182.78	9.04	182.75	9.58
84	183.87	6.96	183.85	7.49	183.83	8.03	183.80	8.56	183.78	9.09	183.75	9.63
85	184.87	7.00	184.85	7.53	184.82	8.07	184.80	8.61	184.77	9.14	184.76	9.68
86	185.87	7.04	185.85	7.57	185.82	8.12	185.80	8.65	185.77	9.19	185.75	9.73
87	186.87	7.08	186.84	7.61	186.82	8.16	186.80	8.70	186.77	9.24	186.74	9.78
88	187.87	7.12	187.84	7.65	187.82	8.21	187.80	8.74	187.77	9.29	187.74	9.83
89	188.87	7.15	188.84	7.69	188.82	8.25	188.80	8.79	188.77	9.34	188.74	9.88
190	189.87	7.18	189.84	7.73	189.82	8.29	189.79	8.84	189.77	9.39	189.74	9.94
91	190.86	7.22	190.84	7.78	190.82	8.33	190.79	8.89	190.77	9.44	190.74	9.99
92	191.86	7.26	191.84	7.82	191.82	8.37	191.79	8.94	191.77	9.49	191.74	10.05
93	192.86	7.30	192.84	7.86	192.82	8.42	192.79	8.98	192.76	9.54	192.74	10.10
94	193.86	7.33	193.84	7.90	193.82	8.46	193.79	9.03	193.76	9.59	193.73	10.15
95	194.86	7.37	194.84	7.94	194.81	8.50	194.79	9.08	194.76	9.64	194.73	10.21
96	195.86	7.41	195.84	7.98	195.81	8.55	195.79	9.12	195.76	9.69	195.73	10.26
97	196.86	7.45	196.84	8.02	196.81	8.59	196.79	9.17	196.76	9.74	196.73	10.31
98	197.86	7.49	197.84	8.06	197.81	8.63	197.79	9.22	197.76	9.79	197.73	10.36
99	198.86	7.52	198.83	8.10	198.81	8.68	198.79	9.26	198.76	9.84	198.73	10.42
200	199.86	7.56	199.83	8.14	199.81	8.72	199.78	9.31	199.76	9.89	199.73	10.47
1	200.86	7.60	200.83	8.19	200.81	8.76	200.78	9.35	200.75	9.93	200.72	10.52
2	201.86	7.64	201.83	8.23	201.81	8.81	201.78	9.40	201.75	9.98	201.72	10.58
3	202.86	7.67	202.83	8.27	202.81	8.85	202.78	9.45	202.75	10.03	202.72	10.63
4	203.86	7.71	203.83	8.31	203.81	8.90	203.78	9.49	203.75	10.08	203.72	10.68
5	204.85	7.75	204.83	8.35	204.81	8.94	204.78	9.54	204.75	10.13	204.72	10.73
6	205.85	7.79	205.83	8.39	205.80	8.98	205.78	9.59	205.75	10.18	205.72	10.78
7	206.85	7.83	206.83	8.43	206.80	9.03	206.78	9.63	206.75	10.23	206.72	10.83
8	207.85	7.86	207.83	8.47	207.80	9.07	207.78	9.68	207.75	10.28	207.72	10.88
9	208.85	7.90	208.83	8.51	208.80	9.12	208.77	9.72	208.75	10.33	208.71	10.94
210	209.85	7.94	209.83	8.55	209.80	9.16	209.77	9.77	209.74	10.38	209.71	10.99
11	210.85	7.98	210.82	8.60	210.80	9.20	210.77	9.82	210.74	10.42	210.71	11.04
12	211.85	8.02	211.82	8.64	211.80	9.25	211.77	9.87	211.74	10.47	211.71	11.10
13	212.85	8.05	212.82	8.68	212.80	9.29	212.77	9.91	212.74	10.52	212.71	11.15
14	213.85	8.09	213.82	8.72	213.80	9.33	213.77	9.96	213.74	10.57	213.71	11.20
15	214.85	8.13	214.82	8.76	214.80	9.38	214.77	10.01	214.74	10.62	214.71	11.25
16	215.85	8.17	215.82	8.80	215.79	9.42	215.77	10.05	215.74	10.67	215.70	11.30
17	216.85	8.21	216.82	8.84	216.79	9.46	216.77	10.10	216.74	10.72	216.70	11.35
18	217.85	8.24	217.82	8.88	217.79	9.51	217.76	10.15	217.73	10.77	217.70	11.40
19	218.84	8.28	218.82	8.92	218.79	9.55	218.76	10.19	218.73	10.82	218.70	11.46
220	219.84	8.32	219.82	8.96	219.79	9.60	219.76	10.24	219.73	10.87	219.70	11.51
21	220.84	8.36	220.82	9.00	220.79	9.64	220.76	10.29	220.73	10.92	220.70	11.57
22	221.84	8.39	221.82	9.04	221.79	9.68	221.76	10.33	221.73	10.97	221.70	11.62
23	222.84	8.43	222.81	9.08	222.79	9.73	222.76	10.38	222.73	11.02	222.69	11.67
24	223.84	8.47	223.81	9.12	223.79	9.77	223.76	10.43	223.73	11.07	223.69	11.73
25	224.84	8.51	224.81	9.16	224.79	9.81	224.76	10.47	224.73	11.12	224.69	11.78
26	225.84	8.55	225.81	9.20	225.79	9.85	225.76	10.52	225.72	11.17	225.69	11.83
27	226.84	8.59	226.81	9.24	226.78	9.90	226.75	10.57	226.72	11.22	226.69	11.89
28	227.84	8.62	227.81	9.28	227.78	9.94	227.75	10.61	227.72	11.27	227.69	11.94
29	228.84	8.66	228.81	9.32	228.78	9.98	228.75	10.66	228.72	11.32	228.69	11.99
230	229.84	8.70	229.81	9.36	229.78	10.03	229.75	10.70	229.72	11.37	229.68	12.04
31	230.84	8.74	230.81	9.41	230.78	10.07	230.75	10.75	230.72	11.41	230.68	12.10
32	231.84	8.77	231.81	9.45	231.78	10.11	231.75	10.80	231.72	11.46	231.68	12.15
33	232.83	8.81	232.81	9.49	232.78	10.16	232.75	10.85	232.72	11.51	232.68	12.20
34	233.83	8.85	233.81	9.53	233.78	10.20	233.75	10.89	233.71	11.56	233.68	12.25
35	234.83	8.88	234.80	9.57	234.78	10.24	234.75	10.94	234.71	11.61	234.68	12.30
36	235.83	8.92	235.80	9.61	235.78	10.29	235.75	10.98	235.71	11.66	235.68	12.35
37	236.83	8.96	236.80	9.65	236.77	10.33	236.74	11.03	236.71	11.71	236.68	12.40
38	237.83	8.99	237.80	9.69	237.77	10.37	237.74	11.08	237.71	11.76	237.67	12.45
39	238.83	9.03	238.80	9.73	238.77	10.42	238.74	11.13	238.71	11.81	238.67	12.50
240	239.83	9.07	239.80	9.77	239.77	10.47	239.74	11.17	239.71	11.86	239.67	12.56

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Deg.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
41	240.85	9.10	240.80	9.81	240.77	10.52	240.74	11.22	240.71	11.91	240.67	12.60
42	241.85	9.14	241.80	9.85	241.77	10.56	241.74	11.27	241.70	11.96	241.67	12.67
43	242.85	9.18	242.80	9.89	242.77	10.61	242.74	11.31	242.70	12.01	242.67	12.72
44	243.85	9.22	243.80	9.94	243.77	10.65	243.74	11.36	243.70	12.06	243.67	12.78
45	244.85	9.26	244.80	9.98	244.77	10.70	244.74	11.40	244.70	12.11	244.66	12.83
46	245.83	9.29	245.80	10.02	245.77	10.74	245.73	11.45	245.70	12.16	245.66	12.88
47	246.82	9.33	246.79	10.06	246.77	10.79	246.73	11.50	246.70	12.21	246.66	12.93
48	247.82	9.37	247.79	10.10	247.76	10.83	247.73	11.54	247.70	12.26	247.66	12.99
49	248.82	9.41	248.79	10.14	248.76	10.87	248.73	11.59	248.70	12.31	248.66	13.04
250	249.82	9.45	249.79	10.18	249.76	10.91	249.73	11.63	249.70	12.36	249.66	13.09
51	250.82	9.48	250.79	10.22	250.76	10.96	250.73	11.68	250.69	12.40	250.66	13.15
52	251.82	9.52	251.79	10.26	251.76	11.00	251.73	11.73	251.69	12.45	251.65	13.20
53	252.82	9.56	252.79	10.30	252.76	11.04	252.73	11.78	252.69	12.50	252.65	13.25
54	253.82	9.60	253.79	10.34	253.76	11.08	253.73	11.82	253.69	12.55	253.65	13.30
55	254.82	9.64	254.79	10.38	254.76	11.13	254.72	11.87	254.69	12.60	254.65	13.35
56	255.82	9.68	255.79	10.42	255.76	11.17	255.72	11.92	255.69	12.65	255.65	13.40
57	256.82	9.72	256.79	10.46	256.76	11.21	256.72	11.97	256.69	12.70	256.65	13.45
58	257.82	9.75	257.79	10.50	257.75	11.26	257.72	12.02	257.69	12.75	257.65	13.51
59	258.82	9.79	258.79	10.54	258.75	11.30	258.72	12.06	258.68	12.80	258.65	13.56
260	259.82	9.83	259.78	10.58	259.75	11.34	259.72	12.10	259.68	12.83	259.64	13.61
61	260.81	9.87	260.78	10.63	260.75	11.39	260.72	12.14	260.68	12.90	260.64	13.67
62	261.81	9.91	261.78	10.67	261.75	11.43	261.72	12.19	261.68	12.95	261.64	13.72
63	262.81	9.94	262.78	10.71	262.75	11.48	262.72	12.24	262.68	13.00	262.64	13.77
64	263.81	9.98	263.78	10.75	263.75	11.52	263.71	12.28	263.68	13.05	263.64	13.82
65	264.81	10.02	264.78	10.79	264.75	11.56	264.71	12.33	264.68	13.10	264.64	13.87
66	265.81	10.06	265.78	10.83	265.75	11.61	265.71	12.38	265.68	13.15	265.64	13.92
67	266.81	10.10	266.78	10.87	266.75	11.65	266.71	12.42	266.67	13.20	266.63	13.97
68	267.81	10.14	267.78	10.91	267.75	11.69	267.71	12.47	267.67	13.25	267.63	14.03
69	268.81	10.18	268.78	10.95	268.74	11.74	268.71	12.51	268.67	13.30	268.63	14.08
270	269.81	10.21	269.78	10.99	269.74	11.78	269.71	12.56	269.67	13.35	269.63	14.13
71	270.81	10.25	270.78	11.03	270.74	11.82	270.71	12.61	270.67	13.39	270.63	14.19
72	271.81	10.29	271.77	11.07	271.74	11.87	271.71	12.65	271.67	13.44	271.63	14.24
73	272.81	10.33	272.77	11.11	272.74	11.91	272.71	12.70	272.67	13.49	272.63	14.29
74	273.81	10.36	273.77	11.15	273.74	11.95	273.70	12.74	273.67	13.54	273.62	14.34
75	274.80	10.40	274.77	11.19	274.74	11.99	274.70	12.79	274.66	13.59	274.62	14.40
76	275.80	10.44	275.77	11.23	275.74	12.04	275.70	12.84	275.66	13.64	275.62	14.45
77	276.80	10.48	276.77	11.27	276.74	12.08	276.70	12.88	276.66	13.69	276.62	14.50
78	277.80	10.52	277.77	11.31	277.74	12.12	277.70	12.93	277.66	13.74	277.62	14.55
79	278.80	10.56	278.77	11.35	278.73	12.17	278.70	12.98	278.66	13.79	278.62	14.60
280	279.80	10.59	279.77	11.39	279.73	12.21	279.70	13.03	279.66	13.84	279.62	14.66
81	280.80	10.63	280.77	11.44	280.73	12.26	280.70	13.08	280.66	13.88	280.62	14.72
82	281.80	10.67	281.77	11.48	281.73	12.30	281.70	13.13	281.66	13.93	281.61	14.77
83	282.80	10.71	282.77	11.52	282.73	12.35	282.69	13.17	282.65	13.98	282.61	14.83
84	283.80	10.74	283.76	11.56	283.73	12.39	283.69	13.22	283.65	14.03	283.61	14.88
85	284.80	10.78	284.76	11.60	284.73	12.43	284.69	13.26	284.65	14.08	284.61	14.93
86	285.80	10.82	285.76	11.64	285.73	12.48	285.69	13.31	285.65	14.13	285.61	14.99
87	286.80	10.86	286.76	11.68	286.73	12.52	286.69	13.36	286.65	14.18	286.61	15.04
88	287.80	10.90	287.76	11.72	287.73	12.57	287.69	13.40	287.65	14.23	287.61	15.09
89	288.79	10.93	288.76	11.77	288.73	12.61	288.69	13.45	288.65	14.28	288.60	15.14
290	289.79	10.96	289.76	11.81	289.72	12.65	289.69	13.49	289.65	14.33	289.60	15.20
91	290.79	11.00	290.76	11.85	290.72	12.70	290.69	13.54	290.64	14.38	290.60	15.25
92	291.79	11.04	291.76	11.89	291.72	12.74	291.68	13.59	291.64	14.43	291.60	15.30
93	292.79	11.08	292.76	11.93	292.72	12.78	292.68	13.63	292.64	14.48	292.60	15.35
94	293.79	11.11	293.76	11.97	293.72	12.83	293.68	13.68	293.64	14.53	293.60	15.41
95	294.79	11.15	294.76	12.01	294.72	12.87	294.68	13.72	294.64	14.58	294.60	15.46
96	295.79	11.19	295.75	12.05	295.72	12.91	295.68	13.77	295.64	14.63	295.59	15.51
97	296.79	11.23	296.75	12.09	296.72	12.96	296.68	13.82	296.64	14.68	296.59	15.56
98	297.79	11.27	297.75	12.13	297.72	13.00	297.68	13.86	297.64	14.72	297.59	15.61
99	298.79	11.31	298.76	12.17	298.72	13.05	298.68	13.91	298.64	14.78	298.59	15.67
300	299.79	11.34	299.76	12.21	299.72	13.09	299.68	13.96	299.63	14.83	299.59	15.72

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

'	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00
2	2.00	0.11	2.00	0.12	2.00	0.12	2.00	0.12	2.00	0.12	2.00	0.12
3	3.00	0.17	2.99	0.17	2.99	0.18	2.99	0.18	2.99	0.18	2.99	0.18
4	3.99	0.23	3.99	0.23	3.99	0.24	3.99	0.24	3.99	0.24	3.99	0.24
5	4.99	0.29	4.99	0.29	4.99	0.31	4.99	0.31	4.99	0.31	4.99	0.31
6	5.99	0.35	5.99	0.35	5.99	0.37	5.99	0.37	5.99	0.37	5.99	0.37
7	6.99	0.40	6.99	0.41	6.99	0.43	6.99	0.43	6.98	0.43	6.98	0.43
8	7.99	0.46	7.99	0.47	7.99	0.49	7.98	0.51	7.98	0.50	7.98	0.50
9	8.99	0.52	8.98	0.52	8.98	0.55	8.98	0.56	8.98	0.56	8.98	0.56
10	9.98	0.58	9.98	0.58	9.98	0.61	9.98	0.62	9.98	0.62	9.98	0.62
11	10.98	0.64	10.98	0.64	10.98	0.67	10.98	0.70	10.98	0.74	10.97	0.77
12	11.98	0.69	11.98	0.70	11.98	0.73	11.98	0.77	11.97	0.81	11.97	0.84
13	12.98	0.75	12.98	0.76	12.98	0.79	12.97	0.83	12.97	0.87	12.97	0.91
14	13.98	0.81	13.98	0.82	13.97	0.85	13.97	0.90	13.97	0.94	13.97	0.98
15	14.98	0.87	14.97	0.87	14.97	0.92	14.97	0.96	14.97	1.01	14.96	1.05
16	15.98	0.93	15.97	0.93	15.97	0.98	15.97	1.03	15.96	1.07	15.96	1.12
17	16.97	0.99	16.97	0.99	16.97	1.04	16.97	1.09	16.96	1.14	16.96	1.19
18	17.97	0.99	17.97	1.05	17.97	1.10	17.96	1.16	17.96	1.21	17.96	1.26
19	18.97	1.05	18.97	1.11	18.96	1.16	18.96	1.22	18.96	1.28	18.95	1.33
20	19.97	1.16	19.97	1.16	19.96	1.22	19.96	1.28	19.96	1.34	19.95	1.40
21	20.97	1.16	20.96	1.22	20.96	1.28	20.96	1.35	20.95	1.41	20.95	1.47
22	21.97	1.21	21.96	1.28	21.96	1.34	21.95	1.41	21.95	1.48	21.95	1.54
23	22.96	1.27	22.96	1.34	22.96	1.40	22.95	1.48	22.95	1.54	22.94	1.61
24	23.96	1.32	23.96	1.40	23.96	1.46	23.95	1.54	23.95	1.61	23.94	1.68
25	24.96	1.38	24.96	1.45	24.95	1.53	24.95	1.61	24.94	1.68	24.94	1.75
26	25.96	1.43	25.96	1.51	25.95	1.59	25.95	1.67	25.94	1.74	25.94	1.82
27	26.96	1.49	26.95	1.57	26.95	1.65	26.94	1.73	26.94	1.81	26.93	1.89
28	27.96	1.54	27.95	1.63	27.95	1.71	27.94	1.80	27.94	1.88	27.93	1.96
29	28.96	1.60	28.95	1.69	28.95	1.77	28.94	1.86	28.94	1.94	28.93	2.03
30	29.95	1.66	29.95	1.74	29.94	1.83	29.94	1.92	29.93	2.01	29.93	2.09
31	30.95	1.71	30.95	1.80	30.94	1.89	30.94	1.98	30.93	2.08	30.92	2.16
32	31.95	1.77	31.95	1.86	31.94	1.95	31.93	2.05	31.93	2.14	31.92	2.23
33	32.95	1.82	32.94	1.92	32.94	2.01	32.93	2.11	32.93	2.21	32.92	2.30
34	33.95	1.88	33.94	1.98	33.94	2.07	33.93	2.18	33.92	2.27	33.92	2.37
35	34.95	1.93	34.94	2.03	34.93	2.14	34.93	2.24	34.92	2.34	34.91	2.44
36	35.94	1.99	35.94	2.09	35.93	2.20	35.93	2.31	35.92	2.41	35.91	2.51
37	36.94	2.04	36.94	2.15	36.93	2.26	36.92	2.37	36.92	2.48	36.91	2.58
38	37.94	2.10	37.94	2.21	37.93	2.32	37.92	2.44	37.91	2.55	37.91	2.65
39	38.94	2.15	38.94	2.27	38.93	2.38	38.92	2.50	38.91	2.61	38.90	2.72
40	39.94	2.21	39.94	2.33	39.93	2.44	39.92	2.56	39.91	2.67	39.90	2.79
41	40.94	2.26	40.93	2.39	40.92	2.50	40.92	2.63	40.91	2.74	40.90	2.86
42	41.94	2.32	41.93	2.44	41.92	2.56	41.91	2.69	41.91	2.81	41.90	2.93
43	42.93	2.37	42.93	2.50	42.92	2.62	42.91	2.76	42.90	2.87	42.89	3.00
44	43.93	2.43	43.93	2.56	43.92	2.69	43.91	2.82	43.90	2.94	43.89	3.07
45	44.93	2.48	44.93	2.62	44.92	2.75	44.91	2.89	44.90	3.01	44.89	3.14
46	45.93	2.54	45.93	2.68	45.91	2.81	45.91	2.95	45.90	3.07	45.89	3.21
47	46.93	2.59	46.92	2.74	46.91	2.87	46.90	3.01	46.89	3.14	46.89	3.28
48	47.93	2.65	47.92	2.75	47.91	2.93	47.90	3.08	47.89	3.20	47.88	3.35
49	48.92	2.70	48.92	2.85	48.91	2.99	48.90	3.14	48.89	3.27	48.88	3.42
50	49.92	2.76	49.92	2.91	49.91	3.05	49.90	3.20	49.89	3.34	49.88	3.49
51	50.92	2.81	50.92	2.97	50.90	3.11	50.90	3.27	50.89	3.41	50.88	3.56
52	51.92	2.87	51.92	3.03	51.90	3.17	51.89	3.33	51.88	3.48	51.87	3.63
53	52.92	2.92	52.91	3.08	52.90	3.23	52.89	3.40	52.88	3.54	52.87	3.70
54	53.92	2.98	53.91	3.14	53.90	3.29	53.89	3.46	53.88	3.61	53.87	3.77
55	54.92	3.03	54.91	3.20	54.90	3.36	54.89	3.52	54.88	3.68	54.87	3.84
56	55.91	3.09	55.91	3.26	55.90	3.42	55.89	3.59	55.87	3.75	55.86	3.91
57	56.91	3.14	56.91	3.32	56.89	3.48	56.88	3.65	56.87	3.81	56.86	3.98
58	57.91	3.20	57.91	3.37	57.89	3.54	57.88	3.72	57.87	3.88	57.86	4.05
59	58.91	3.25	58.90	3.43	58.89	3.60	58.88	3.78	58.87	3.95	58.86	4.12
60	59.91	3.31	59.90	3.49	59.89	3.66	59.88	3.85	59.87	4.01	59.86	4.19

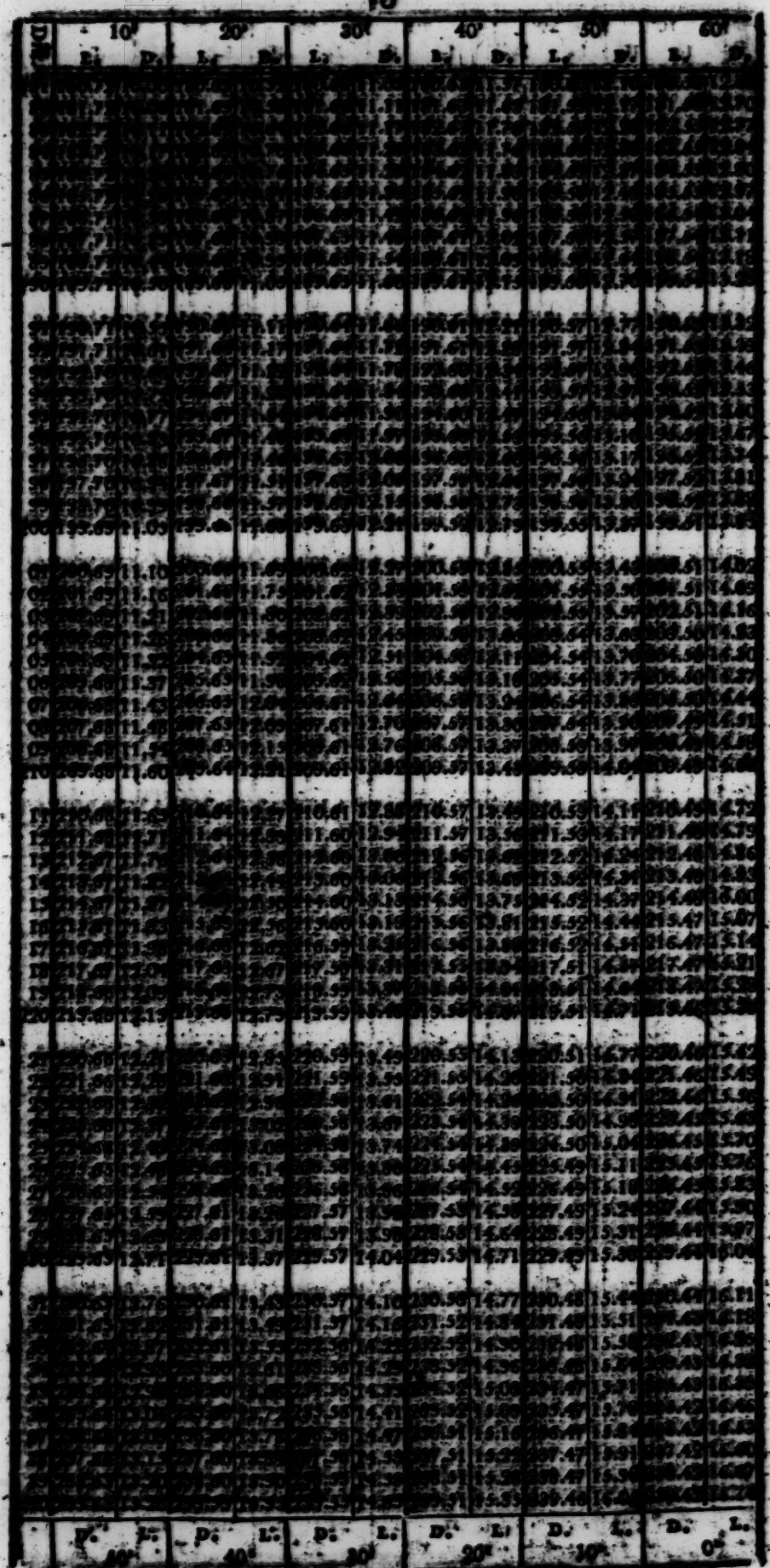
D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

D. P.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
61	60.91	3.37	60.90	3.55	60.89	3.72	60.88	3.90	60.86	4.08	60.85	4.26
62	61.91	3.42	61.90	3.60	61.88	3.78	61.87	3.97	61.86	4.15	61.85	4.32
63	62.90	3.48	62.90	3.66	62.88	3.84	62.87	4.03	62.86	4.21	62.85	4.39
64	63.90	3.54	63.89	3.72	63.88	3.90	63.87	4.09	63.86	4.28	63.84	4.46
65	64.90	3.59	64.89	3.78	64.88	3.96	64.87	4.16	64.85	4.35	64.84	4.53
66	65.90	3.65	65.89	3.82	65.88	4.02	65.87	4.22	65.85	4.41	65.84	4.60
67	66.90	3.70	66.89	3.89	66.87	4.09	66.86	4.28	66.85	4.48	66.84	4.67
68	67.90	3.76	67.89	3.95	67.87	4.15	67.86	4.35	67.85	4.55	67.83	4.74
69	68.89	3.81	68.88	4.01	68.87	4.21	68.86	4.41	68.85	4.61	68.83	4.81
70	69.89	3.87	69.88	4.07	69.87	4.27	69.86	4.48	69.84	4.68	69.83	4.88
71	70.89	3.92	70.88	4.13	70.87	4.33	70.86	4.54	70.84	4.75	70.83	4.95
72	71.89	3.98	71.88	4.18	71.87	4.40	71.85	4.60	71.84	4.81	71.82	5.02
73	72.89	4.03	72.88	4.24	72.86	4.46	72.85	4.67	72.84	4.88	72.82	5.09
74	73.89	4.09	73.87	4.30	73.86	4.52	73.85	4.73	73.83	4.95	73.82	5.16
75	74.89	4.14	74.87	4.36	74.86	4.58	74.85	4.80	74.83	5.01	74.82	5.23
76	75.88	4.20	75.87	4.42	75.86	4.64	75.85	4.86	75.83	5.08	75.81	5.30
77	76.88	4.25	76.87	4.47	76.86	4.70	76.84	4.92	76.83	5.15	76.81	5.37
78	77.88	4.31	77.87	4.53	77.85	4.76	77.84	4.99	77.83	5.21	77.81	5.44
79	78.88	4.36	78.87	4.59	78.85	4.82	78.84	5.05	78.82	5.28	78.81	5.51
80	79.88	4.42	79.86	4.63	79.85	4.88	79.84	5.12	79.82	5.35	79.81	5.58
81	80.88	4.47	80.86	4.71	80.85	4.94	80.84	5.18	80.82	5.42	80.80	5.65
82	81.87	4.53	81.86	4.76	81.85	5.01	81.83	5.24	81.82	5.48	81.80	5.72
83	82.87	4.58	82.86	4.82	82.85	5.07	82.83	5.31	82.81	5.55	82.80	5.79
84	83.87	4.64	83.86	4.88	83.84	5.13	83.83	5.37	83.81	5.62	83.80	5.86
85	84.87	4.70	84.86	4.94	84.84	5.18	84.83	5.44	84.81	5.68	84.79	5.93
86	85.87	4.75	85.85	5.00	85.84	5.25	85.83	5.50	85.81	5.75	85.79	6.00
87	86.87	4.81	86.85	5.06	86.84	5.31	86.82	5.56	86.81	5.82	86.79	6.06
88	87.87	4.86	87.85	5.12	87.84	5.37	87.82	5.63	87.80	5.88	87.79	6.14
89	88.86	4.92	88.85	5.17	88.83	5.43	88.82	5.69	88.80	5.95	88.78	6.21
90	89.86	4.97	89.85	5.23	89.83	5.49	89.82	5.76	89.80	6.02	89.78	6.28
91	90.86	5.03	90.85	5.29	90.83	5.56	90.81	5.82	90.80	6.08	90.78	6.35
92	91.86	5.08	91.84	5.35	91.83	5.62	91.81	5.88	91.79	6.15	91.78	6.42
93	92.86	5.14	92.84	5.41	92.83	5.68	92.81	5.95	92.79	6.22	92.77	6.49
94	93.86	5.19	93.84	5.46	93.82	5.74	93.81	6.01	93.79	6.28	93.77	6.56
95	94.85	5.25	94.84	5.52	94.82	5.80	94.81	6.08	94.79	6.35	94.77	6.63
96	95.85	5.30	95.84	5.58	95.82	5.86	95.80	6.14	95.79	6.42	95.77	6.70
97	96.85	5.36	96.84	5.64	96.82	5.92	96.80	6.20	96.78	6.48	96.76	6.77
98	97.85	5.41	97.83	5.70	97.82	5.98	97.80	6.27	97.78	6.55	97.76	6.84
99	98.85	5.47	98.83	5.75	98.82	6.04	98.80	6.33	98.78	6.62	98.76	6.91
100	99.85	5.52	99.83	5.81	99.81	6.10	99.80	6.40	99.78	6.69	99.76	6.98
101	100.85	5.58	100.83	5.87	100.81	6.17	100.79	6.46	100.77	6.75	100.75	7.05
102	101.84	5.63	101.83	5.93	101.81	6.23	101.79	6.52	101.77	6.82	101.75	7.12
103	102.84	5.69	102.83	5.99	102.81	6.29	102.79	6.59	102.77	6.89	102.75	7.18
104	103.84	5.74	103.82	6.05	103.81	6.35	103.79	6.65	103.77	6.95	103.75	7.25
105	104.84	5.80	104.82	6.10	104.80	6.41	104.79	6.71	104.77	7.02	104.74	7.32
106	105.84	5.85	105.82	6.16	105.80	6.47	105.78	6.78	105.76	7.09	105.74	7.39
107	106.84	5.91	106.82	6.22	106.80	6.53	106.78	6.84	106.76	7.15	106.74	7.46
108	107.84	5.96	107.82	6.28	107.80	6.59	107.78	6.91	107.76	7.22	107.74	7.53
109	108.83	6.02	108.82	6.34	108.80	6.65	108.78	6.97	108.76	7.29	108.73	7.60
110	109.83	6.08	109.81	6.40	109.79	6.72	109.77	7.04	109.75	7.35	109.73	7.67
111	110.83	6.13	110.81	6.45	110.79	6.78	110.77	7.10	110.75	7.42	110.73	7.74
112	111.83	6.19	111.81	6.51	111.79	6.84	111.77	7.16	111.75	7.49	111.73	7.81
113	112.83	6.24	112.81	6.57	112.79	6.90	112.77	7.23	112.75	7.55	112.72	7.88
114	113.83	6.30	113.81	6.63	113.79	6.96	113.77	7.29	113.75	7.62	113.72	7.95
115	114.82	6.35	114.81	6.69	114.79	7.02	114.76	7.35	114.74	7.69	114.72	8.02
116	115.82	6.41	115.80	6.74	115.78	7.08	115.76	7.42	115.74	7.75	115.72	8.09
117	116.82	6.46	116.80	6.80	116.78	7.14	116.76	7.48	116.74	7.82	116.71	8.16
118	117.82	6.52	117.80	6.86	117.78	7.20	117.76	7.55	117.74	7.89	117.71	8.23
119	118.82	6.57	118.80	6.92	118.78	7.26	118.76	7.61	118.73	7.95	118.71	8.30
120	119.82	6.63	119.80	6.98	119.78	7.33	119.75	7.67	119.73	8.02	119.71	8.37

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
60'		50'		40'		30'		20'		10'	0'

V. P.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
21	120.81	6.68	120.80	7.04	120.77	7.39	120.75	7.74	120.73	8.09	120.71	8.45
22	121.81	6.73	121.79	7.09	121.77	7.45	121.75	7.80	121.73	8.15	121.70	8.51
23	122.81	6.79	122.79	7.15	122.77	7.51	122.75	7.87	122.72	8.22	122.70	8.58
24	123.81	6.85	123.79	7.21	123.77	7.57	123.75	7.93	123.72	8.28	123.70	8.64
25	124.81	6.90	124.79	7.27	124.77	7.63	124.74	7.99	124.72	8.35	124.70	8.72
26	125.81	6.96	125.79	7.33	125.76	7.69	125.74	8.05	125.72	8.42	125.69	8.79
27	126.81	7.02	126.79	7.39	126.76	7.75	126.74	8.12	126.71	8.49	126.69	8.86
28	127.80	7.07	127.78	7.44	127.76	7.81	127.74	8.18	127.71	8.56	127.69	8.93
29	128.80	7.13	128.78	7.50	128.76	7.88	128.74	8.25	128.71	8.62	128.69	9.00
130	129.80	7.18	129.78	7.56	129.76	7.94	129.73	8.31	129.71	8.69	129.68	9.07
31	130.80	7.24	130.78	7.62	130.76	8.00	130.73	8.38	130.71	8.76	130.68	9.14
32	131.80	7.29	131.78	7.68	131.75	8.06	131.73	8.44	131.70	8.82	131.68	9.21
33	132.80	7.35	132.78	7.73	132.75	8.12	132.73	8.51	132.70	8.89	132.68	9.28
34	133.79	7.40	133.77	7.79	133.75	8.18	133.73	8.57	133.70	8.96	133.67	9.35
35	134.79	7.46	134.77	7.85	134.75	8.24	134.72	8.63	134.70	9.02	134.67	9.42
36	135.79	7.51	135.77	7.91	135.75	8.30	135.72	8.70	135.70	9.09	135.67	9.49
37	136.79	7.57	136.77	7.97	136.74	8.36	136.72	8.76	136.69	9.16	136.67	9.56
38	137.79	7.62	137.77	8.02	137.74	8.42	137.72	8.83	137.69	9.22	137.66	9.63
39	138.79	7.68	138.76	8.08	138.74	8.49	138.72	8.89	138.69	9.29	138.66	9.70
140	139.79	7.73	139.76	8.14	139.74	8.55	139.71	8.95	139.69	9.36	139.66	9.77
41	140.78	7.79	140.76	8.20	140.74	8.61	140.71	9.02	140.68	9.43	140.66	9.84
42	141.78	7.84	141.76	8.26	141.73	8.67	141.71	9.08	141.68	9.49	141.65	9.91
43	142.78	7.90	142.76	8.32	142.73	8.73	142.71	9.15	142.68	9.56	142.65	9.98
44	143.78	7.95	143.76	8.37	143.73	8.79	143.71	9.21	143.68	9.63	143.65	10.05
45	144.78	8.01	144.75	8.43	144.73	8.85	144.70	9.27	144.68	9.69	144.65	10.11
46	145.78	8.06	145.75	8.49	145.73	8.91	145.70	9.34	145.67	9.76	145.64	10.18
47	146.78	8.12	146.75	8.55	146.73	8.97	146.70	9.40	146.67	9.83	146.64	10.25
48	147.77	8.18	147.75	8.61	147.72	9.03	147.70	9.46	147.67	9.89	147.64	10.32
49	148.77	8.23	148.75	8.66	148.72	9.10	148.69	9.53	148.67	9.96	148.64	10.39
150	149.77	8.29	149.75	8.72	149.72	9.16	149.69	9.59	149.66	10.03	149.63	10.46
51	150.77	8.34	150.74	8.78	150.72	9.22	150.69	9.66	150.66	10.10	150.63	10.53
52	151.77	8.40	151.74	8.84	151.72	9.28	151.69	9.72	151.66	10.16	151.63	10.60
53	152.77	8.45	152.74	8.90	152.71	9.34	152.69	9.78	152.66	10.23	152.63	10.67
54	153.76	8.51	153.74	8.95	153.71	9.40	153.68	9.85	153.66	10.30	153.62	10.74
55	154.76	8.56	154.74	9.01	154.71	9.46	154.68	9.91	154.65	10.36	154.62	10.81
56	155.76	8.62	155.74	9.07	155.71	9.52	155.68	9.97	155.65	10.43	155.62	10.88
57	156.76	8.67	156.73	9.13	156.71	9.58	156.68	10.04	156.65	10.50	156.62	10.95
58	157.76	8.73	157.73	9.19	157.70	9.65	157.68	10.10	157.65	10.56	157.61	11.02
59	158.76	8.78	158.73	9.24	158.70	9.71	158.67	10.17	158.64	10.63	158.61	11.09
160	159.76	8.84	159.73	9.30	159.70	9.77	159.67	10.23	159.64	10.70	159.61	11.16
61	160.75	8.89	160.73	9.36	160.70	9.83	160.67	10.30	160.64	10.76	160.61	11.23
62	161.75	8.95	161.73	9.42	161.70	9.89	161.67	10.36	161.64	10.83	161.60	11.30
63	162.75	9.00	162.72	9.48	162.70	9.95	162.67	10.42	162.64	10.90	162.60	11.37
64	163.75	9.06	163.72	9.53	163.69	10.01	163.66	10.49	163.63	10.96	163.60	11.44
65	164.75	9.11	164.72	9.59	164.69	10.07	164.66	10.55	164.63	11.03	164.60	11.51
66	165.75	9.17	165.72	9.65	165.69	10.13	165.66	10.61	165.63	11.10	165.60	11.58
67	166.74	9.22	166.72	9.71	166.69	10.19	166.66	10.68	166.63	11.16	166.59	11.65
68	167.74	9.28	167.72	9.77	167.69	10.26	167.66	10.74	167.62	11.23	167.59	11.72
69	168.74	9.33	168.71	9.82	168.68	10.32	168.65	10.81	168.62	11.30	168.59	11.79
170	169.74	9.39	169.71	9.88	169.68	10.38	169.65	10.87	169.62	11.37	169.59	11.86
71	170.74	9.44	170.71	9.94	170.68	10.44	170.65	10.94	170.62	11.43	170.58	11.93
72	171.74	9.50	171.71	10.00	171.68	10.50	171.65	11.00	171.62	11.50	171.58	12.00
73	172.74	9.55	172.71	10.06	172.68	10.56	172.65	11.06	172.61	11.57	172.58	12.07
74	173.73	9.61	173.71	10.12	173.68	10.62	173.64	11.13	173.61	11.63	173.58	12.14
75	174.73	9.66	174.70	10.17	174.67	10.68	174.64	11.18	174.61	11.70	174.57	12.21
76	175.73	9.72	175.70	10.23	175.67	10.74	175.64	11.25	175.61	11.77	175.57	12.28
77	176.73	9.77	176.70	10.29	176.67	10.81	176.64	11.31	176.60	11.84	176.57	12.35
78	177.73	9.83	177.70	10.35	177.67	10.87	177.64	11.38	177.60	11.90	177.57	12.42
79	178.72	9.88	178.70	10.41	178.67	10.93	178.63	11.44	178.60	11.97	178.56	12.49
180	179.72	9.94	179.70	10.47	179.66	10.99	179.63	11.51	179.60	12.04	179.56	12.56

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	



°	10'		20'		30'		40'		50'		60'	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	240.63	13.31	240.55	14.01	240.55	14.71	240.51	15.41	240.46	16.11	240.41	16.81
42	241.63	13.37	241.59	14.07	241.55	14.77	241.50	15.48	241.46	16.18	241.41	16.88
43	242.63	13.42	242.59	14.13	242.55	14.83	242.50	15.54	242.46	16.26	242.41	16.95
44	243.63	13.48	243.59	14.19	243.54	14.90	243.50	15.60	243.45	16.31	243.41	17.02
45	244.63	13.53	244.59	14.25	244.54	14.96	244.50	15.67	244.45	16.38	244.40	17.09
46	245.62	13.59	245.58	14.30	245.54	15.02	245.50	15.73	245.45	16.45	245.40	17.16
47	246.62	13.64	246.58	14.36	246.54	15.08	246.49	15.80	246.45	16.51	246.40	17.23
48	247.62	13.70	247.58	14.42	247.54	15.14	247.49	15.86	247.45	16.58	247.40	17.30
49	248.62	13.75	248.58	14.48	248.54	15.20	248.49	15.92	248.44	16.65	248.39	17.37
250	249.62	13.81	249.58	14.54	249.53	15.26	249.49	15.99	249.44	16.71	249.39	17.44
51	250.62	13.86	250.58	14.59	250.53	15.32	250.49	16.05	250.44	16.78	250.39	17.51
52	251.61	13.92	251.57	14.65	251.53	15.39	251.48	16.12	251.44	16.85	251.39	17.58
53	252.61	13.97	252.57	14.71	252.53	15.45	252.48	16.18	252.43	16.91	252.38	17.65
54	253.61	14.03	253.57	14.77	253.53	15.51	253.48	16.24	253.43	16.98	253.38	17.72
55	254.61	14.08	254.57	14.83	254.52	15.57	254.48	16.31	254.43	17.05	254.38	17.79
56	255.61	14.14	255.57	14.89	255.52	15.63	255.48	16.37	255.43	17.11	255.38	17.86
57	256.61	14.19	256.57	14.94	256.52	15.69	256.47	16.44	256.43	17.18	256.37	17.93
58	257.61	14.25	257.56	15.00	257.52	15.75	257.47	16.50	257.42	17.25	257.37	18.00
59	258.60	14.30	258.56	15.06	258.52	15.81	258.47	16.56	258.42	17.32	258.37	18.07
260	259.60	14.36	259.56	15.12	259.51	15.87	259.47	16.63	259.42	17.38	259.37	18.14
61	260.60	14.41	260.56	15.18	260.51	15.93	260.47	16.69	260.42	17.45	260.36	18.21
62	261.60	14.47	261.56	15.23	261.51	15.99	261.46	16.76	261.41	17.52	261.36	18.28
63	262.60	14.52	262.56	15.29	262.51	16.06	262.46	16.82	262.41	17.58	262.36	18.35
64	263.60	14.58	263.55	15.35	263.51	16.12	263.46	16.88	263.41	17.65	263.36	18.42
65	264.59	14.63	264.55	15.41	264.51	16.18	264.46	16.95	264.41	17.72	264.35	18.49
66	265.59	14.69	265.55	15.47	265.50	16.24	265.46	17.01	265.41	17.78	265.35	18.56
67	266.59	14.74	266.55	15.52	266.50	16.30	266.45	17.08	266.40	17.85	266.35	18.62
68	267.59	14.80	267.55	15.58	267.50	16.36	267.45	17.14	267.40	17.92	267.35	18.69
69	268.59	14.85	268.55	15.64	268.50	16.42	268.45	17.20	268.40	17.98	268.34	18.76
270	269.59	14.91	269.54	15.70	269.50	16.48	269.45	17.27	269.40	18.05	269.34	18.83
71	270.59	14.97	270.54	15.76	270.49	16.54	270.45	17.33	270.39	18.12	270.34	18.90
72	271.58	15.02	271.54	15.82	271.49	16.60	271.44	17.39	271.39	18.18	271.34	18.97
73	272.58	15.08	272.54	15.87	272.49	16.67	272.44	17.46	272.39	18.25	272.33	19.04
74	273.58	15.13	273.54	15.93	273.49	16.73	273.44	17.52	273.39	18.32	273.33	19.11
75	274.58	15.19	274.53	15.99	274.49	16.79	274.44	17.59	274.39	18.39	274.33	19.18
76	275.58	15.24	275.53	16.05	275.48	16.85	275.43	17.65	275.38	18.45	275.33	19.25
77	276.58	15.30	276.53	16.11	276.48	16.91	276.43	17.71	276.38	18.52	276.32	19.32
78	277.57	15.35	277.53	16.16	277.48	16.97	277.43	17.78	277.38	18.59	277.32	19.39
79	278.57	15.41	278.53	16.22	278.48	17.03	278.43	17.84	278.38	18.65	278.32	19.46
280	279.57	15.47	279.53	16.28	279.48	17.09	279.43	17.91	279.37	18.72	279.32	19.53
81	280.57	15.52	280.52	16.34	280.48	17.15	280.42	17.97	280.37	18.79	280.32	19.60
82	281.57	15.58	281.52	16.40	281.47	17.22	281.42	18.03	281.37	18.85	281.31	19.67
83	282.57	15.63	282.52	16.45	282.47	17.28	282.42	18.10	282.37	18.92	282.31	19.74
84	283.57	15.69	283.52	16.51	283.47	17.34	283.42	18.16	283.37	18.98	283.31	19.81
85	284.56	15.74	284.52	16.57	284.47	17.40	284.42	18.23	284.36	19.05	284.31	19.88
86	285.56	15.80	285.52	16.63	285.47	17.46	285.41	18.29	285.36	19.12	285.30	19.95
87	286.56	15.85	286.51	16.69	286.46	17.52	286.41	18.35	286.36	19.19	286.30	20.02
88	287.56	15.91	287.51	16.75	287.46	17.58	287.41	18.42	287.36	19.25	287.30	20.09
89	288.56	15.96	288.51	16.80	288.46	17.64	288.41	18.48	288.35	19.32	288.30	20.16
290	289.56	16.02	289.51	16.86	289.46	17.70	289.41	18.55	289.35	19.39	289.29	20.23
91	290.55	16.07	290.51	16.92	290.46	17.77	290.40	18.61	290.35	19.45	290.29	20.30
92	291.55	16.13	291.51	16.98	291.45	17.83	291.40	18.67	291.35	19.52	291.29	20.37
93	292.55	16.18	292.50	17.04	292.45	17.89	292.40	18.74	292.35	19.58	292.29	20.44
94	293.55	16.24	293.50	17.09	293.45	17.95	293.40	18.80	293.34	19.65	293.28	20.51
95	294.55	16.29	294.50	17.15	294.45	18.01	294.40	18.87	294.34	19.72	294.28	20.58
96	295.55	16.35	295.50	17.21	295.45	18.07	295.39	18.93	295.34	19.79	295.28	20.65
97	296.55	16.40	296.50	17.27	296.45	18.13	296.39	18.99	296.34	19.85	296.28	20.72
98	297.55	16.46	297.50	17.33	997.44	18.19	297.39	19.06	297.33	19.92	297.27	20.79
99	298.54	16.51	298.49	17.38	298.44	18.25	298.39	19.12	298.33	19.99	298.27	20.86
300	299.54	16.57	299.49	17.44	299.44	18.31	299.39	19.19	299.33	20.06	299.27	20.93
′	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	1.00	0.07	1.00	0.08	1.00	0.08	1.00	0.08	1.00	0.08	1.00	0.09
2	1.99	0.15	1.99	0.15	1.99	0.16	1.99	0.16	1.99	0.17	1.99	0.17
3	2.99	0.22	2.99	0.23	2.99	0.24	2.99	0.24	2.99	0.25	2.99	0.26
4	3.99	0.29	3.99	0.30	3.99	0.31	3.99	0.33	3.99	0.34	3.98	0.35
5	4.99	0.36	4.99	0.38	4.98	0.39	4.98	0.41	4.98	0.42	4.98	0.44
6	5.98	0.44	5.98	0.45	5.98	0.47	5.98	0.49	5.98	0.51	5.98	0.52
7	6.98	0,51	6.98	0.53	6.98	0.55	6.98	0.57	6.98	0.59	6.97	0.61
8	7.98	0.58	7.98	0.60	7.98	0.63	7.97	0.65	7.97	0.67	7.97	0.70
9	8.98	0.65	8.97	0.68	8.97	0.71	8.97	0.73	8.97	0.76	8.97	0.78
10	9.97	0.73	9.97	0.76	9.97	0.78	9.97	0.81	9.96	0.84	9.96	0.87
11	10.97	0.80	10.97	0.83	10.97	0.86	10.96	0.89	10.96	0.93	10.96	0.96
12	11.97	0.87	11.97	0.91	11.96	0.94	11.96	0.98	11.96	1.01	11.95	1.05
13	12.97	0.94	12.96	0.98	12.96	1.02	12.96	1.06	12.95	1.10	12.95	1.13
14	13.96	1.02	13.96	1.06	13.96	1.10	13.95	1.14	13.95	1.18	13.95	1.22
15	14.96	1.09	14.96	1.13	14.96	1.18	14.95	1.22	14.95	1.26	14.94	1.31
16	15.96	1.16	15.95	1.21	15.95	1.26	15.95	1.30	15.94	1.35	15.94	1.39
17	16.96	1.24	16.95	1.28	16.95	1.33	16.94	1.38	16.94	1.43	16.94	1.48
18	17.95	1.31	17.95	1.36	17.95	1.41	17.94	1.46	17.94	1.52	17.93	1.57
19	18.95	1.38	18.95	1.44	18.94	1.49	18.94	1.55	18.93	1.60	18.93	1.66
20	19.95	1.45	19.94	1.51	19.94	1.57	19.93	1.63	19.93	1.69	19.92	1.74
21	20.94	1.53	20.94	1.59	20.94	1.65	20.93	1.71	20.93	1.77	20.92	1.83
22	21.94	1.60	21.94	1.66	21.93	1.73	21.93	1.79	21.92	1.85	21.92	1.92
23	22.94	1.67	22.93	1.74	22.93	1.81	22.92	1.87	22.92	1.94	22.91	2.00
24	23.94	1.74	23.93	1.81	23.93	1.88	23.92	1.95	23.91	2.02	23.91	2.09
25	24.93	1.82	24.93	1.89	24.92	1.96	24.92	2.03	24.91	2.11	24.91	2.18
26	25.93	1.89	25.93	1.96	25.92	2.04	25.91	2.12	25.91	2.19	25.90	2.27
27	26.93	1.96	26.92	2.04	26.92	2.12	26.91	2.20	26.90	2.28	26.90	2.35
28	27.93	2.03	27.92	2.12	27.91	2.20	27.91	2.28	27.90	2.36	27.89	2.44
29	28.92	2.11	28.92	2.19	28.91	2.28	28.90	2.36	28.90	2.44	28.89	2.53
30	29.92	2.18	29.91	2.27	29.91	2.35	29.90	2.44	29.89	2.53	29.89	2.61
31	30.92	2.25	30.91	2.34	30.90	2.43	30.90	2.52	30.89	2.61	30.88	2.70
32	31.92	2.32	31.91	2.42	31.90	2.51	31.89	2.60	31.89	2.70	31.88	2.79
33	32.91	2.40	32.91	2.49	32.90	2.59	32.89	2.68	32.88	2.78	32.88	2.88
34	33.91	2.47	33.90	2.57	33.90	2.67	33.89	2.77	33.88	2.86	33.87	2.96
35	34.91	2.54	34.90	2.64	34.89	2.75	34.88	2.85	34.88	2.95	34.87	3.05
36	35.91	2.61	35.90	2.72	35.89	2.82	35.88	2.93	35.87	3.03	35.86	3.14
37	36.90	2.69	36.89	2.80	36.89	2.90	36.88	3.01	36.87	3.12	36.86	3.22
38	37.90	2.76	37.89	2.87	37.88	2.98	37.87	3.09	37.86	3.20	37.86	3.31
39	38.90	2.83	38.89	2.95	38.88	3.06	38.87	3.17	38.86	3.29	38.85	3.40
40	39.89	2.91	39.89	3.02	39.88	3.14	39.87	3.25	39.86	3.37	39.85	3.49
41	40.89	2.98	40.88	3.10	40.87	3.22	40.86	3.34	40.85	3.45	40.84	3.57
42	41.89	3.05	41.88	3.17	41.87	3.30	41.86	3.42	41.85	3.54	41.84	3.66
43	42.89	3.12	42.88	3.25	42.87	3.37	42.86	3.50	42.85	3.62	42.84	3.75
44	43.88	3.20	43.87	3.32	43.86	3.45	43.85	3.58	43.84	3.71	43.83	3.84
45	44.88	3.27	44.87	3.40	44.86	3.53	44.85	3.66	44.84	3.79	44.83	3.92
46	45.88	3.34	45.87	3.48	45.86	3.61	45.85	3.74	45.84	3.88	45.83	4.01
47	46.88	3.41	46.87	3.55	46.86	3.69	46.84	3.82	46.83	3.96	46.82	4.10
48	47.87	3.49	47.86	3.63	47.85	3.77	47.84	3.91	47.83	4.04	47.82	4.18
49	48.87	3.56	48.86	3.70	48.85	3.84	48.84	3.99	48.83	4.13	48.81	4.27
50	49.87	3.63	49.86	3.78	49.85	3.92	49.83	4.07	49.82	4.21	49.81	4.36
51	50.87	3.71	50.85	3.85	50.84	4.00	50.83	4.15	50.82	4.30	50.81	4.46
52	51.86	3.78	51.85	3.93	51.84	4.08	51.83	4.23	51.81	4.38	51.80	4.55
53	52.86	3.85	52.85	4.00	52.84	4.16	52.82	4.31	52.81	4.47	52.80	4.62
54	53.86	3.92	53.85	4.08	53.83	4.24	53.82	4.39	53.81	4.55	53.79	4.71
55	54.85	4.00	54.84	4.16	54.83	4.31	54.82	4.48	54.80	4.63	54.79	4.79
56	55.85	4.07	55.84	4.23	55.83	4.39	55.81	4.56	55.80	4.72	55.79	4.88
57	56.85	4.14	56.84	4.31	56.82	4.47	56.81	4.64	56.80	4.80	56.78	4.97
58	57.85	4.21	57.83	4.38	57.82	4.55	57.81	4.72	57.79	4.89	57.78	5.06
59	58.84	4.29	58.83	4.46	58.82	4.63	58.80	4.80	58.79	4.97	58.78	5.14
60	59.84	4.36	59.83	4.53	59.82	4.71	59.80	4.88	59.79	5.06	59.77	5.23
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.84	4.49	60.83	4.61	60.81	4.73	60.80	4.86	60.78	4.98	60.77	5.10
62	61.84	4.59	61.82	4.69	61.81	4.80	61.79	5.04	61.78	5.15	61.76	5.41
63	62.83	4.68	62.82	4.78	62.81	4.89	62.79	5.13	62.78	5.24	62.76	5.49
64	63.83	4.69	63.82	4.84	63.80	5.02	63.79	5.21	63.77	5.39	63.76	5.58
65	64.83	4.72	64.81	4.91	64.80	5.10	64.78	5.29	64.77	5.48	64.75	5.67
66	65.83	4.80	65.81	4.99	65.80	5.18	65.78	5.37	65.76	5.56	65.75	5.75
67	66.82	4.87	66.81	5.06	66.79	5.26	66.78	5.45	66.76	5.65	66.75	5.84
68	67.82	4.94	67.81	5.14	67.79	5.34	67.77	5.53	67.76	5.73	67.74	5.93
69	68.82	5.01	68.80	5.21	68.79	5.41	68.77	5.61	68.75	5.81	68.74	6.02
70	69.82	5.09	69.80	5.29	69.78	5.49	69.77	5.70	69.75	5.90	69.73	6.10
71	70.81	5.16	70.80	5.36	70.78	5.57	70.76	5.78	70.75	5.98	70.73	6.19
72	71.81	5.23	71.79	5.44	71.78	5.65	71.76	5.86	71.74	6.07	71.73	6.28
73	72.81	5.30	72.79	5.52	72.78	5.73	72.76	5.94	72.74	6.15	72.72	6.36
74	73.80	5.38	73.79	5.59	73.77	5.81	73.75	6.03	73.74	6.24	73.72	6.45
75	74.80	5.45	74.79	5.67	74.77	5.88	74.75	6.10	74.73	6.32	74.72	6.54
76	75.80	5.52	75.78	5.74	75.77	5.96	75.75	6.18	75.73	6.40	75.71	6.63
77	76.80	5.59	76.78	5.82	76.76	6.04	76.74	6.26	76.73	6.48	76.71	6.71
78	77.79	5.67	77.78	5.89	77.76	6.12	77.74	6.35	77.72	6.57	77.70	6.80
79	78.79	5.74	78.77	5.97	78.76	6.20	78.74	6.43	78.72	6.66	78.70	6.89
80	79.79	5.81	79.77	6.04	79.75	6.28	79.73	6.51	79.72	6.74	79.70	6.97
81	80.79	5.89	80.77	6.12	80.75	6.36	80.73	6.59	80.71	6.82	80.69	7.06
82	81.78	5.96	81.77	6.20	81.75	6.43	81.73	6.67	81.71	6.91	81.69	7.15
83	82.78	6.03	82.76	6.27	82.74	6.51	82.72	6.75	82.70	6.99	82.68	7.24
84	83.78	6.10	83.76	6.35	83.74	6.59	83.72	6.83	83.70	7.08	83.68	7.33
85	84.78	6.18	84.76	6.42	84.74	6.67	84.72	6.92	84.70	7.16	84.68	7.41
86	85.77	6.25	85.75	6.50	85.74	6.75	85.71	7.00	85.69	7.25	85.67	7.50
87	86.77	6.32	86.75	6.57	86.73	6.83	86.71	7.08	86.69	7.34	86.67	7.59
88	87.77	6.39	87.75	6.65	87.73	6.90	87.71	7.16	87.69	7.41	87.67	7.67
89	88.77	6.47	88.75	6.72	88.73	6.98	88.70	7.24	88.68	7.50	88.66	7.76
90	89.76	6.54	89.74	6.80	89.72	7.06	89.70	7.32	89.68	7.58	89.66	7.84
91	90.76	6.61	90.74	6.88	90.72	7.14	90.70	7.40	90.68	7.67	90.65	7.93
92	91.76	6.68	91.74	6.95	91.72	7.22	91.69	7.48	91.67	7.75	91.65	8.02
93	92.76	6.76	92.73	7.03	92.71	7.30	92.69	7.57	92.67	7.84	92.65	8.11
94	93.75	6.83	93.73	7.10	93.71	7.38	93.69	7.65	93.67	7.92	93.64	8.19
95	94.75	6.90	94.73	7.18	94.71	7.45	94.68	7.73	94.66	8.00	94.64	8.28
96	95.75	6.98	95.73	7.25	95.70	7.53	95.68	7.81	95.66	8.08	95.64	8.37
97	96.74	7.05	96.72	7.33	96.70	7.61	96.68	7.89	96.65	8.17	96.63	8.45
98	97.74	7.12	97.72	7.40	97.70	7.69	97.67	7.97	97.65	8.26	97.63	8.54
99	98.74	7.19	98.72	7.48	98.70	7.77	98.67	8.05	98.65	8.34	98.62	8.63
100	99.74	7.27	99.71	7.56	99.69	7.85	99.67	8.14	99.64	8.43	99.62	8.72
1	100.73	7.34	100.71	7.63	100.69	7.92	100.66	8.22	100.64	8.51	100.62	8.80
2	101.73	7.41	101.71	7.71	101.69	8.00	101.66	8.30	101.64	8.59	101.61	8.89
3	102.73	7.48	102.71	7.78	102.68	8.08	102.66	8.38	102.63	8.67	102.61	8.97
4	103.73	7.56	103.70	7.86	103.68	8.16	103.65	8.46	103.63	8.76	103.60	9.06
5	104.72	7.63	104.70	7.93	104.68	8.24	104.65	8.54	104.63	8.84	104.60	9.15
6	105.72	7.70	105.70	8.01	105.67	8.32	105.65	8.62	105.62	8.93	105.60	9.24
7	106.72	7.77	106.69	8.08	106.67	8.40	106.64	8.71	106.62	9.02	106.59	9.33
8	107.72	7.85	107.69	8.16	107.67	8.47	107.64	8.79	107.62	9.10	107.59	9.41
9	108.71	7.92	108.69	8.24	108.66	8.55	108.64	8.87	108.61	9.18	108.59	9.50
10	109.71	7.99	109.69	8.31	109.66	8.63	109.63	8.95	109.61	9.27	109.58	9.59
11	110.71	8.06	110.68	8.39	110.66	8.71	110.63	9.03	110.60	9.35	110.58	9.67
12	111.70	8.14	111.68	8.46	111.65	8.79	111.63	9.11	111.60	9.44	111.57	9.76
13	112.70	8.21	112.68	8.54	112.65	8.87	112.62	9.19	112.60	9.52	112.57	9.85
14	113.70	8.28	113.67	8.61	113.65	8.95	113.62	9.28	113.59	9.61	113.57	9.94
15	114.70	8.36	114.67	8.69	114.64	9.02	114.62	9.36	114.59	9.69	114.56	10.03
16	115.69	8.43	115.67	8.76	115.64	9.10	115.61	9.44	115.58	9.77	115.56	10.11
17	116.69	8.50	116.67	8.84	116.64	9.18	116.61	9.52	116.58	9.86	116.55	10.20
18	117.69	8.57	117.66	8.92	117.64	9.26	117.61	9.60	117.58	9.94	117.55	10.29
19	118.68	8.65	118.66	8.99	118.63	9.34	118.60	9.68	118.57	10.03	118.54	10.37
20	119.68	8.72	119.66	9.07	119.63	9.42	119.60	9.76	119.57	10.11	119.54	10.46

	D. L. 60'	D. L. 40'	D. L. 30'	D. L. 20'	D. L. 10'	D. L. 0'

°	45'		46'		47'		48'		49'		50'	
'	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
21	120.68	9.28	120.66	9.34	120.63	9.40	120.60	9.46	120.57	9.52	120.54	10.0
22	121.68	9.36	121.66	9.42	121.63	9.47	121.59	9.53	121.57	10.00	121.54	10.0
23	122.68	9.44	122.66	9.50	122.63	9.55	122.59	10.01	122.56	10.08	122.53	10.1
24	123.67	9.51	123.65	9.57	123.62	9.63	123.59	10.09	123.56	10.16	123.53	10.2
25	124.67	9.59	124.65	9.65	124.62	9.71	124.58	10.17	124.56	10.24	124.52	10.3
26	125.67	9.67	125.65	9.73	125.61	9.79	125.58	10.25	125.55	10.32	125.52	10.3
27	126.67	9.75	126.65	9.81	126.61	9.87	126.58	10.33	126.55	10.40	126.52	10.4
28	127.66	9.83	127.64	9.89	127.61	9.95	127.58	10.41	127.54	10.48	127.51	10.5
29	128.66	9.91	128.64	9.97	128.60	10.03	128.57	10.49	128.54	10.56	128.51	10.6
30	129.66	9.99	129.63	10.05	129.60	10.11	129.57	10.57	129.54	10.64	129.51	10.7
31	130.65	10.07	130.63	10.13	130.60	10.19	130.57	10.65	130.53	10.72	130.50	10.7
32	131.65	10.15	131.62	10.21	131.59	10.27	131.56	10.73	131.53	10.80	131.50	10.8
33	132.65	10.23	132.62	10.29	132.59	10.35	132.56	10.81	132.53	10.88	132.49	10.9
34	133.65	10.31	133.62	10.37	133.59	10.43	133.56	10.89	133.52	10.96	133.49	11.0
35	134.64	10.39	134.61	10.45	134.58	10.51	134.55	10.97	134.52	11.04	134.49	11.1
36	135.64	10.47	135.61	10.53	135.58	10.59	135.55	11.05	135.52	11.12	135.48	11.1
37	136.64	10.55	136.61	10.61	136.58	10.67	136.54	11.13	136.51	11.20	136.48	11.2
38	137.64	10.63	137.61	10.69	137.58	10.75	137.54	11.21	137.51	11.28	137.48	11.3
39	138.63	10.71	138.60	10.77	138.57	10.83	138.54	11.29	138.51	11.36	138.47	11.4
40	139.63	10.79	139.60	10.85	139.57	10.91	139.54	11.37	139.50	11.44	139.47	11.5
41	140.63	10.87	140.60	10.93	140.57	11.00	140.53	11.46	140.50	11.53	140.46	11.5
42	141.63	10.95	141.59	11.01	141.56	11.08	141.53	11.54	141.49	11.61	141.46	11.6
43	142.62	11.03	142.59	11.09	142.56	11.16	142.53	11.62	142.49	11.69	142.46	11.7
44	143.62	11.11	143.59	11.17	143.56	11.24	143.52	11.70	143.49	11.77	143.45	11.8
45	144.62	11.19	144.59	11.25	144.55	11.32	144.52	11.78	144.48	11.85	144.45	11.9
46	145.62	11.27	145.58	11.33	145.55	11.40	145.52	11.86	145.48	11.93	145.45	12.0
47	146.61	11.35	146.58	11.41	146.55	11.48	146.51	11.94	146.48	12.01	146.44	12.0
48	147.61	11.43	147.58	11.49	147.54	11.56	147.51	12.02	147.47	12.09	147.44	12.1
49	148.61	11.51	148.57	11.57	148.54	11.64	148.51	12.10	148.47	12.17	148.44	12.2
50	149.60	11.59	149.57	11.65	149.54	11.72	149.50	12.18	149.47	12.25	149.43	12.3
51	150.60	11.67	150.57	11.73	150.54	11.80	150.50	12.26	150.46	12.33	150.43	12.4
52	151.60	11.75	151.57	11.81	151.53	11.88	151.50	12.34	151.46	12.41	151.42	12.4
53	152.60	11.83	152.56	11.89	152.53	11.96	152.49	12.42	152.46	12.49	152.42	12.5
54	153.59	11.91	153.56	11.97	153.53	12.04	153.49	12.50	153.45	12.57	153.41	12.6
55	154.59	11.99	154.56	12.05	154.52	12.12	154.49	12.58	154.45	12.65	154.41	12.7
56	155.59	12.07	155.55	12.13	155.52	12.20	155.48	12.66	155.44	12.73	155.41	12.8
57	156.59	12.15	156.55	12.21	156.52	12.28	156.48	12.74	156.44	12.81	156.40	12.8
58	157.58	12.23	157.55	12.29	157.51	12.36	157.48	12.82	157.44	12.89	157.40	12.9
59	158.58	12.31	158.55	12.37	158.51	12.44	158.47	12.90	158.43	12.97	158.40	13.0
60	159.58	12.39	159.54	12.45	159.51	12.52	159.47	13.02	159.43	13.05	159.39	13.1
61	160.58	12.47	160.54	12.53	160.50	12.60	160.47	13.10	160.43	13.17	160.39	14.0
62	161.57	12.55	161.54	12.61	161.50	12.71	161.46	13.18	161.42	13.25	161.38	14.1
63	162.57	12.63	162.53	12.69	162.50	12.79	162.46	13.26	162.42	13.33	162.38	14.2
64	163.57	12.71	163.53	12.77	163.49	12.87	163.46	13.34	163.42	13.41	163.38	14.2
65	164.57	12.79	164.53	12.85	164.49	12.95	164.45	13.42	164.41	13.50	164.37	14.3
66	165.56	12.87	165.53	12.93	165.49	13.02	165.45	13.51	165.41	13.58	165.37	14.4
67	166.56	12.95	166.52	13.01	166.49	13.10	166.45	13.59	166.41	14.07	166.37	14.5
68	167.56	13.03	167.52	13.09	167.48	13.18	167.44	13.67	167.40	14.16	167.36	14.6
69	168.55	13.11	168.52	13.17	168.48	13.26	168.44	13.75	168.40	14.24	168.36	14.7
70	169.55	13.19	169.51	13.25	169.48	13.34	169.44	13.83	169.39	14.32	169.35	14.8
71	170.55	13.27	170.51	13.33	170.47	13.42	170.43	13.91	170.39	14.41	170.35	14.9
72	171.55	13.35	171.51	13.41	171.47	13.50	171.43	13.99	171.39	14.49	171.35	15.0
73	172.54	13.43	172.51	13.49	172.47	13.57	172.43	14.07	172.38	14.57	172.34	15.0
74	173.54	13.51	173.50	13.57	173.46	13.65	173.42	14.15	173.38	14.65	173.34	15.1
75	174.54	13.59	174.50	13.65	174.46	13.73	174.42	14.23	174.38	14.73	174.34	15.2
76	175.54	13.67	175.50	13.73	175.46	13.81	175.42	14.31	175.37	14.81	175.33	15.3
77	176.53	13.75	176.49	13.81	176.45	13.89	176.41	14.39	176.37	14.89	176.33	15.4
78	177.53	13.83	177.49	13.89	177.45	13.97	177.41	14.47	177.37	14.97	177.32	15.5
79	178.53	13.91	178.49	13.97	178.45	14.05	178.41	14.55	178.36	15.05	178.32	15.6
80	179.53	13.99	179.49	14.05	179.45	14.13	179.40	14.63	179.36	15.13	179.32	15.6
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	45'		46'		47'		48'		49'		50'	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	180.52	13.15	180.48	13.68	180.44	14.20	180.40	14.73	180.36	15.25	180.31	15.78
82	181.52	13.22	181.48	13.75	181.44	14.28	181.40	14.81	181.35	15.33	181.31	15.86
83	182.52	13.30	182.48	13.83	182.44	14.36	182.39	14.89	182.35	15.42	182.30	15.95
84	183.52	13.37	183.47	13.90	183.43	14.44	183.39	14.97	183.34	15.50	183.30	16.04
85	184.51	13.44	184.47	13.98	184.43	14.51	184.39	15.05	184.34	15.59	184.30	16.12
86	185.51	13.51	185.47	14.05	185.43	14.59	185.38	15.13	185.34	15.67	185.29	16.21
87	186.51	13.59	186.47	14.13	186.42	14.67	186.38	15.21	186.33	15.76	186.29	16.30
88	187.50	13.66	187.46	14.21	187.42	14.75	187.38	15.30	187.33	15.84	187.29	16.39
89	188.50	13.73	188.46	14.28	188.42	14.83	188.37	15.38	188.33	15.92	188.28	16.47
190	189.50	13.80	189.46	14.36	189.41	14.91	189.37	15.46	189.32	16.01	189.28	16.56
91	190.50	13.88	190.45	14.43	190.41	14.99	190.37	15.54	190.32	16.09	190.27	16.65
92	191.49	13.95	191.45	14.51	191.41	15.06	191.36	15.62	191.32	16.18	191.27	16.73
93	192.49	14.02	192.45	14.58	192.41	15.14	192.36	15.70	192.31	16.26	192.27	16.82
94	193.49	14.10	193.45	14.66	193.40	15.22	193.36	15.78	193.31	16.35	193.26	16.91
95	194.49	14.17	194.44	14.73	194.40	15.30	194.35	15.86	194.31	16.43	194.26	17.00
96	195.48	14.24	195.44	14.81	195.40	15.38	195.35	15.95	195.30	16.51	195.26	17.08
97	196.48	14.31	196.44	14.89	196.39	15.46	196.35	16.03	196.30	16.60	196.25	17.17
98	197.48	14.39	197.43	14.96	197.39	15.53	197.34	16.11	197.30	16.68	197.25	17.26
99	198.48	14.46	198.43	15.04	198.39	15.61	198.34	16.19	198.29	16.77	198.24	17.34
200	199.47	14.53	199.43	15.11	199.38	15.69	199.34	16.27	199.29	16.85	199.24	17.43
01	200.47	14.60	200.43	15.19	200.38	15.77	200.33	16.35	200.28	16.94	200.24	17.52
02	201.47	14.68	201.42	15.26	201.38	15.85	201.33	16.43	201.28	17.02	201.23	17.61
03	202.47	14.75	202.42	15.34	202.37	15.93	202.33	16.52	202.28	17.10	202.23	17.69
04	203.46	14.82	203.42	15.41	203.37	16.01	203.32	16.60	203.27	17.19	203.22	17.78
05	204.46	14.89	204.41	15.49	204.37	16.08	204.32	16.68	204.27	17.27	204.22	17.87
06	205.46	14.97	205.41	15.57	205.37	16.16	205.32	16.76	205.27	17.36	205.22	17.95
07	206.45	15.04	206.41	15.64	206.36	16.24	206.31	16.84	206.26	17.44	206.21	18.04
08	207.45	15.11	207.41	15.72	207.36	16.32	207.31	16.92	207.26	17.53	207.21	18.13
09	208.45	15.18	208.40	15.79	208.36	16.40	208.31	17.00	208.26	17.61	208.21	18.22
210	209.45	15.26	209.40	15.87	209.35	16.48	209.30	17.09	209.25	17.69	209.20	18.30
11	210.44	15.33	210.40	15.94	210.35	16.55	210.30	17.17	210.25	17.78	210.20	18.39
12	211.44	15.40	211.39	16.02	211.35	16.63	211.30	17.25	211.25	17.86	211.19	18.48
13	212.44	15.48	212.39	16.09	212.34	16.71	212.29	17.33	212.24	17.95	212.19	18.56
14	213.44	15.55	213.39	16.17	213.34	16.79	213.29	17.41	213.24	18.03	213.19	18.65
15	214.43	15.62	214.39	16.25	214.34	16.87	214.29	17.49	214.23	18.12	214.18	18.74
16	215.43	15.69	215.38	16.32	215.33	16.95	215.28	17.57	215.23	18.20	215.18	18.83
17	216.43	15.77	216.38	16.40	216.33	17.09	216.28	17.65	216.23	18.28	216.18	18.91
18	217.43	15.84	217.38	16.47	217.33	17.10	217.28	17.74	217.22	18.37	217.17	19.00
19	218.42	15.91	218.37	16.55	218.33	17.18	218.27	17.82	218.22	18.45	218.17	19.09
220	219.42	15.98	219.37	16.62	219.32	17.26	219.27	17.90	219.22	18.54	219.16	19.17
21	220.42	16.06	220.37	16.70	220.32	17.34	220.27	17.98	220.21	18.62	220.16	19.26
22	221.42	16.13	221.37	16.77	221.32	17.42	221.26	18.06	221.21	18.71	221.16	19.35
23	222.41	16.20	222.36	16.85	222.31	17.50	222.26	18.14	222.21	18.79	222.15	19.44
24	223.41	16.28	223.36	16.93	223.31	17.57	223.26	18.22	223.20	18.87	223.15	19.52
25	224.41	16.35	224.36	17.00	224.31	17.65	224.25	18.31	224.20	18.96	224.15	19.61
26	225.40	16.42	225.35	17.08	225.30	17.73	225.25	18.39	225.20	19.04	225.14	19.70
27	226.40	16.49	226.35	17.15	226.30	17.81	226.25	18.47	226.19	19.13	226.14	19.78
28	227.40	16.57	227.35	17.23	227.30	17.89	227.24	18.55	227.19	19.21	227.13	19.87
29	228.40	16.64	228.35	17.30	228.29	17.97	228.24	18.63	228.18	19.29	228.13	19.96
230	229.39	16.71	229.34	17.38	229.29	18.05	229.24	18.71	229.18	19.38	229.13	20.05
31	230.39	16.78	230.34	17.45	230.29	18.12	230.23	18.79	230.18	19.46	230.12	20.13
32	231.39	16.86	231.34	17.53	231.29	18.20	231.23	18.88	231.17	19.55	231.12	20.22
33	232.39	16.93	232.33	17.60	232.28	18.28	232.23	18.96	232.17	19.63	232.11	20.31
34	233.38	17.00	233.33	17.68	233.28	18.36	233.22	19.04	233.17	19.72	233.11	20.39
35	234.38	17.07	234.33	17.76	234.28	18.44	234.22	19.12	234.16	19.80	234.11	20.48
36	235.38	17.15	235.33	17.83	235.27	18.52	235.22	19.20	235.16	19.88	235.10	20.57
37	236.38	17.22	236.32	17.91	236.27	18.59	236.21	19.28	236.16	19.97	236.10	20.66
38	237.37	17.29	237.32	17.98	237.27	18.67	237.21	19.36	237.15	20.05	237.10	20.74
39	238.37	17.37	238.32	18.06	238.26	18.75	238.21	19.44	238.15	20.14	238.09	20.83
240	239.37	17.44	239.31	18.13	239.26	18.83	239.20	19.53	239.15	20.22	239.09	20.92
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	240.37	17.51	240.31	18.21	240.26	18.91	240.20	19.61	240.14	20.31	240.08	21.00
42	241.36	17.58	241.31	18.28	241.25	18.99	241.20	19.69	241.14	20.39	241.08	21.09
43	242.36	17.66	242.31	18.36	242.25	19.07	242.19	19.77	242.13	20.47	242.08	21.18
44	243.36	17.73	243.30	18.44	243.25	19.14	243.19	19.85	243.13	20.56	243.07	21.27
45	244.35	17.80	244.30	18.51	244.25	19.22	244.19	19.93	244.13	20.64	244.07	21.35
46	245.35	17.87	245.30	18.59	245.24	19.30	245.18	20.01	245.12	20.73	245.06	21.44
47	246.35	17.94	246.29	18.66	246.24	19.38	246.18	20.10	246.12	20.81	246.06	21.53
48	247.35	18.02	247.29	18.74	247.24	19.46	247.18	20.18	247.12	20.90	247.06	21.61
49	248.34	18.09	248.29	18.81	248.23	19.54	248.17	20.26	248.11	20.98	248.05	21.70
250	249.34	18.16	249.29	18.89	249.23	19.61	249.17	20.34	249.11	21.06	249.05	21.79
51	250.34	18.24	250.28	18.87	250.23	19.69	250.17	20.42	250.11	21.15	250.05	21.88
52	251.34	18.31	251.28	19.04	251.22	19.77	251.16	20.50	251.10	21.23	251.04	21.96
53	252.33	18.38	252.28	19.12	252.22	19.85	252.16	20.58	252.10	21.32	252.04	22.05
54	253.33	18.45	253.27	19.19	253.22	19.93	253.16	20.67	253.10	21.40	253.03	22.14
55	254.33	18.53	254.27	19.27	254.21	20.01	254.15	20.75	254.09	21.49	254.03	22.22
56	255.33	18.60	255.27	19.34	255.21	20.09	255.15	20.83	255.09	21.57	255.03	22.31
57	256.32	18.67	256.26	19.42	256.21	20.16	256.15	20.91	256.09	21.65	256.02	22.40
58	257.32	18.75	257.26	19.50	257.21	20.24	257.14	20.99	257.08	21.74	257.02	22.49
59	258.32	18.82	258.26	19.58	258.20	20.32	258.14	21.07	258.08	21.82	258.02	22.57
260	259.32	18.89	259.26	19.65	259.20	20.40	259.14	21.15	259.07	21.91	259.01	22.66
61	260.31	18.96	260.25	19.72	260.20	20.48	260.13	21.28	260.07	21.99	260.01	22.75
62	261.31	19.04	261.25	19.80	261.19	20.56	261.13	21.32	261.07	22.08	261.00	22.83
63	262.31	19.11	262.25	19.87	262.19	20.63	262.13	21.40	262.06	22.16	262.00	22.92
64	263.30	19.18	263.24	19.95	263.19	20.71	263.12	21.48	263.06	22.24	263.00	23.01
65	264.30	19.25	264.24	20.02	264.18	20.79	264.12	21.56	264.06	22.33	263.99	23.10
66	265.30	19.33	265.24	20.10	265.18	20.87	265.12	21.64	265.05	22.41	264.99	23.18
67	266.30	19.40	266.24	20.17	266.18	20.95	266.11	21.72	266.05	22.50	265.99	23.27
68	267.29	19.47	267.23	20.25	267.17	21.03	267.11	21.80	267.05	22.58	266.98	23.36
69	268.29	19.55	268.23	20.33	268.17	21.11	268.11	21.89	268.04	22.67	267.98	23.44
270	269.29	19.62	269.23	20.40	269.17	21.18	269.10	21.97	269.04	22.75	268.97	23.53
71	270.29	19.69	270.22	20.48	270.17	21.26	270.10	22.05	270.04	22.83	269.97	23.62
72	271.28	19.76	271.22	20.55	271.16	21.34	271.10	22.13	271.03	22.92	270.97	23.71
73	272.28	19.84	272.22	20.63	272.16	21.42	272.09	22.21	272.03	23.00	271.96	23.79
74	273.28	19.91	273.22	20.70	273.16	21.50	273.09	22.29	273.02	23.09	272.96	23.88
75	274.28	19.98	274.21	20.78	274.15	21.58	274.09	22.37	274.02	23.17	273.96	23.97
76	275.27	20.0	275.21	20.85	275.15	21.65	275.08	22.46	275.02	23.26	274.95	24.05
77	276.27	20.13	276.21	20.93	276.15	21.73	276.08	22.54	276.01	23.34	275.95	24.14
78	277.27	20.20	277.20	21.01	277.14	21.81	277.08	22.62	277.01	23.42	276.94	24.23
79	278.27	20.27	278.20	21.08	278.14	21.89	278.07	22.70	278.01	23.51	277.94	24.32
280	279.26	20.34	279.20	21.16	279.14	21.97	279.07	22.78	279.00	23.59	278.94	24.40
81	280.26	20.42	280.20	21.23	280.13	22.05	280.07	22.86	280.00	23.68	279.93	24.49
82	281.26	20.49	281.19	21.31	281.13	22.13	281.06	22.94	281.00	23.76	280.93	24.58
83	282.25	20.56	282.19	21.38	282.13	22.20	282.06	23.02	281.99	23.84	281.92	24.66
84	283.25	20.63	283.19	21.46	283.12	22.28	283.06	23.11	282.99	23.93	282.92	24.75
85	284.25	20.71	284.18	21.53	284.12	22.36	284.05	23.19	283.98	24.01	283.92	24.84
86	285.25	20.78	285.18	21.61	285.12	22.44	285.05	23.27	284.98	24.10	284.91	24.93
87	286.24	20.85	286.18	21.69	286.12	22.52	286.05	23.35	285.98	24.18	285.91	25.01
88	287.24	20.93	287.18	21.76	287.11	22.60	287.04	23.43	286.97	24.27	286.91	25.10
89	288.24	21.00	288.17	21.84	288.11	22.67	288.04	23.51	287.97	24.35	287.90	25.19
290	289.24	21.07	289.17	21.91	289.11	22.75	289.04	23.59	288.97	24.43	288.90	25.28
91	290.23	21.14	290.17	21.99	290.10	22.83	290.03	23.68	289.96	24.52	289.89	25.36
92	291.23	21.22	291.16	22.06	291.10	22.91	291.03	23.76	290.96	24.60	290.89	25.45
93	292.23	21.29	292.16	22.14	292.10	22.99	292.03	23.84	291.96	24.69	291.89	25.54
94	293.23	21.36	293.16	22.21	293.09	23.07	293.02	23.92	292.95	24.77	292.88	25.62
95	294.22	21.43	294.16	22.29	294.09	23.15	294.02	24.00	293.95	24.86	293.88	25.71
96	295.22	21.51	295.15	22.37	295.09	23.22	295.02	24.08	294.95	24.94	294.88	25.80
97	296.22	21.58	296.15	22.44	296.08	23.30	296.01	24.16	295.94	25.02	295.87	25.89
98	297.22	21.65	297.15	22.52	297.08	23.38	297.01	24.25	296.94	25.11	296.87	25.97
99	298.21	21.72	298.14	22.59	298.08	23.46	298.01	24.33	297.94	25.19	297.86	26.06
300	299.21	21.80	299.14	22.67	299.08	23.54	299.00	24.41	298.93	25.26	298.86	26.15

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	1.00	0.09	1.00	0.09	1.00	0.10	1.00	0.10	0.99	0.10	0.99	0.10
2	1.99	0.18	1.99	0.19	1.99	0.19	1.99	0.20	1.99	0.20	1.99	0.21
3	2.99	0.27	2.99	0.28	2.99	0.29	2.99	0.30	2.98	0.30	2.98	0.31
4	3.98	0.36	3.98	0.37	3.98	0.38	3.98	0.39	3.98	0.41	3.98	0.42
5	4.98	0.45	4.98	0.46	4.98	0.48	4.98	0.49	4.97	0.51	4.97	0.52
6	5.98	0.54	5.97	0.56	5.97	0.58	5.97	0.59	5.97	0.61	5.97	0.63
7	6.97	0.63	6.97	0.65	6.97	0.67	6.97	0.69	6.96	0.71	6.96	0.73
8	7.97	0.72	7.97	0.74	7.96	0.77	7.96	0.79	7.96	0.81	7.96	0.84
9	8.96	0.81	8.96	0.84	8.96	0.86	8.96	0.89	8.95	0.91	8.95	0.94
10	9.96	0.90	9.96	0.93	9.95	0.96	9.95	0.99	9.95	1.02	9.95	1.05
11	10.96	0.99	10.95	1.02	10.95	1.05	10.95	1.09	10.94	1.12	10.94	1.15
12	11.95	1.08	11.95	1.12	11.94	1.15	11.94	1.18	11.94	1.22	11.93	1.25
13	12.95	1.17	12.94	1.21	12.94	1.25	12.94	1.28	12.93	1.32	12.93	1.36
14	13.94	1.26	13.94	1.30	13.94	1.34	13.93	1.38	13.93	1.42	13.92	1.46
15	14.94	1.35	14.94	1.39	14.93	1.44	14.93	1.48	14.92	1.52	14.92	1.57
16	15.94	1.44	15.93	1.49	15.93	1.53	15.92	1.58	15.92	1.63	15.91	1.67
17	16.93	1.53	16.93	1.58	16.92	1.63	16.92	1.68	16.91	1.73	16.91	1.78
18	17.93	1.62	17.92	1.67	17.92	1.73	17.91	1.78	17.91	1.83	17.90	1.88
19	18.92	1.71	18.92	1.77	18.91	1.82	18.91	1.88	18.90	1.93	18.90	1.99
20	19.92	1.80	19.91	1.86	19.91	1.92	19.90	1.97	19.90	2.03	19.89	2.09
21	20.91	1.89	20.91	1.95	20.90	2.01	20.90	2.07	20.89	2.13	20.88	2.20
22	21.91	1.98	21.90	2.04	21.90	2.11	21.89	2.17	21.89	2.24	21.88	2.30
23	22.91	2.07	22.90	2.14	22.89	2.20	22.89	2.27	22.88	2.34	22.87	2.41
24	23.90	2.16	23.90	2.23	23.89	2.30	23.88	2.37	23.88	2.44	23.87	2.51
25	24.90	2.25	24.89	2.32	24.88	2.40	24.88	2.47	24.87	2.54	24.86	2.61
26	25.89	2.34	25.89	2.42	25.88	2.49	25.87	2.57	25.87	2.64	25.86	2.72
27	26.89	2.43	26.88	2.51	26.87	2.59	26.87	2.67	26.86	2.74	26.85	2.82
28	27.89	2.52	27.88	2.60	27.87	2.68	27.86	2.76	27.85	2.85	27.85	2.93
29	28.88	2.61	28.87	2.70	28.86	2.78	28.86	2.86	28.85	2.95	28.84	3.03
30	29.88	2.70	29.87	2.79	29.86	2.88	29.85	2.96	29.84	3.05	29.84	3.14
31	30.87	2.79	30.87	2.88	30.86	2.97	30.85	3.06	30.84	3.15	30.83	3.24
32	31.87	2.88	31.86	2.97	31.85	3.07	31.84	3.16	31.83	3.25	31.82	3.34
33	32.87	2.97	32.86	3.07	32.85	3.16	32.84	3.26	32.83	3.35	32.82	3.45
34	33.86	3.06	33.85	3.16	33.84	3.26	33.83	3.36	33.82	3.46	33.81	3.55
35	34.86	3.15	34.85	3.25	34.84	3.35	34.83	3.46	34.82	3.56	34.81	3.66
36	35.85	3.24	35.84	3.35	35.83	3.45	35.82	3.55	35.81	3.66	35.80	3.76
37	36.85	3.33	36.84	3.44	36.83	3.55	36.82	3.65	36.81	3.76	36.80	3.87
38	37.85	3.42	37.84	3.53	37.82	3.64	37.81	3.75	37.80	3.86	37.79	3.97
39	38.84	3.51	38.83	3.63	38.82	3.74	38.81	3.85	38.80	3.96	38.79	4.08
40	39.84	3.60	39.83	3.72	39.82	3.83	39.80	3.95	39.79	4.07	39.78	4.18
41	40.83	3.69	40.82	3.81	40.81	3.93	40.80	4.05	40.79	4.17	40.77	4.29
42	41.83	3.78	41.82	3.90	41.81	4.03	41.79	4.15	41.78	4.27	41.77	4.39
43	42.83	3.87	42.81	4.00	42.80	4.12	42.79	4.25	42.78	4.37	42.76	4.49
44	43.82	3.96	43.81	4.09	43.80	4.22	43.78	4.34	43.77	4.47	43.76	4.60
45	44.82	4.05	44.81	4.18	44.79	4.31	44.78	4.44	44.77	4.57	44.75	4.70
46	45.81	4.14	45.80	4.28	45.79	4.41	45.78	4.54	45.76	4.68	45.75	4.81
47	46.81	4.23	46.80	4.37	46.78	4.50	46.77	4.64	46.76	4.78	46.74	4.91
48	47.81	4.32	47.79	4.46	47.78	4.60	47.77	4.74	47.75	4.88	47.74	5.02
49	48.80	4.41	48.79	4.55	48.77	4.70	48.76	4.84	48.75	4.98	48.73	5.12
50	49.80	4.50	49.78	4.65	49.77	4.79	49.76	4.94	49.74	5.08	49.73	5.23
51	50.79	4.59	50.78	4.74	50.77	4.89	50.75	5.04	50.74	5.18	50.72	5.33
52	51.79	4.68	51.77	4.83	51.76	4.98	51.75	5.13	51.73	5.29	51.72	5.44
53	52.78	4.77	52.77	4.93	52.76	5.08	52.74	5.23	52.73	5.39	52.71	5.54
54	53.78	4.86	53.77	5.02	53.75	5.18	53.74	5.33	53.72	5.49	53.70	5.64
55	54.78	4.95	54.76	5.11	54.75	5.27	54.73	5.43	54.72	5.59	54.70	5.75
56	55.77	5.04	55.76	5.21	55.74	5.37	55.73	5.53	55.71	5.69	55.69	5.85
57	56.77	5.13	56.75	5.30	56.74	5.46	56.72	5.63	56.70	5.79	56.69	5.96
58	57.76	5.22	57.75	5.39	57.73	5.56	57.72	5.73	57.70	5.90	57.68	6.06
59	58.76	5.31	58.74	5.48	58.73	5.66	58.71	5.83	58.69	6.00	58.68	6.17
60	59.76	5.40	59.74	5.58	59.72	5.75	59.71	5.92	59.69	6.10	59.67	6.27
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.75	5.49	60.74	5.67	60.72	5.85	60.70	6.02	60.68	6.20	60.67	6.38
62	61.75	5.58	61.73	5.76	61.71	5.94	61.70	6.12	61.68	6.30	61.66	6.48
63	62.74	5.67	62.73	5.86	62.71	6.04	62.69	6.22	62.67	6.40	62.65	6.59
64	63.74	5.76	63.72	5.95	63.71	6.13	63.69	6.32	63.67	6.51	63.65	6.69
65	64.74	5.85	64.72	6.04	64.70	6.23	64.68	6.42	64.66	6.61	64.64	6.79
66	65.73	5.94	65.71	6.13	65.70	6.33	65.68	6.52	65.66	6.71	65.64	6.90
67	66.73	6.03	66.71	6.23	66.69	6.42	66.67	6.61	66.65	6.81	66.63	7.00
68	67.72	6.12	67.71	6.32	67.69	6.52	67.67	6.71	67.65	6.91	67.63	7.11
69	68.72	6.21	68.70	6.41	68.68	6.61	68.66	6.81	68.64	7.01	68.62	7.21
70	69.72	6.30	69.70	6.51	69.68	6.71	69.66	6.91	69.64	7.11	69.62	7.32
71	70.71	6.39	70.69	6.60	70.67	6.81	70.65	7.01	70.63	7.22	70.61	7.42
72	71.71	6.48	71.69	6.69	71.67	6.90	71.65	7.11	71.63	7.32	71.61	7.53
73	72.70	6.57	72.68	6.79	72.66	7.00	72.64	7.21	72.62	7.42	72.60	7.63
74	73.70	6.66	73.68	6.88	73.66	7.09	73.64	7.31	73.62	7.52	73.59	7.74
75	74.70	6.75	74.68	6.97	74.66	7.19	74.63	7.40	74.61	7.62	74.59	7.84
76	75.69	6.84	75.67	7.06	75.65	7.28	75.63	7.50	75.61	7.72	75.58	7.94
77	76.69	6.93	76.67	7.16	76.65	7.38	76.62	7.60	76.60	7.83	76.58	8.05
78	77.68	7.02	77.66	7.25	77.64	7.48	77.62	7.70	77.60	7.93	77.57	8.15
79	78.68	7.11	78.66	7.34	78.64	7.57	78.61	7.80	78.59	8.03	78.57	8.26
80	79.68	7.20	79.65	7.44	79.63	7.67	79.61	7.90	79.59	8.13	79.56	8.36
81	80.67	7.29	80.65	7.53	80.63	7.76	80.60	8.00	80.58	8.23	80.56	8.47
82	81.67	7.38	81.64	7.62	81.62	7.86	81.60	8.10	81.58	8.33	81.55	8.57
83	82.66	7.47	82.64	7.71	82.62	7.96	82.59	8.19	82.57	8.44	82.55	8.68
84	83.66	7.56	83.64	7.81	83.61	8.05	83.59	8.29	83.56	8.54	83.54	8.78
85	84.65	7.65	84.63	7.90	84.61	8.15	84.58	8.39	84.56	8.64	84.53	8.89
86	85.65	7.74	85.63	7.99	85.60	8.24	85.58	8.49	85.55	8.74	85.53	8.99
87	86.65	7.83	86.62	8.09	86.60	8.34	86.57	8.59	86.55	8.84	86.52	9.10
88	87.64	7.92	87.62	8.18	87.60	8.43	87.57	8.69	87.54	8.94	87.52	9.20
89	88.64	8.01	88.61	8.27	88.59	8.53	88.56	8.79	88.54	9.05	88.51	9.31
90	89.63	8.10	89.61	8.37	89.59	8.63	89.56	8.89	89.53	9.15	89.51	9.41
91	90.63	8.19	90.61	8.46	90.58	8.72	90.56	8.98	90.53	9.25	90.50	9.52
92	91.63	8.28	91.60	8.55	91.58	8.82	91.55	9.08	91.52	9.35	91.50	9.62
93	92.62	8.37	92.60	8.64	92.57	8.91	92.55	9.18	92.52	9.45	92.49	9.72
94	93.62	8.47	93.59	8.74	93.57	9.01	93.54	9.28	93.51	9.55	93.48	9.83
95	94.61	8.56	94.59	8.83	94.56	9.11	94.54	9.38	94.51	9.66	94.48	9.93
96	95.61	8.65	95.58	8.92	95.56	9.20	95.53	9.48	95.50	9.76	95.47	10.04
97	96.61	8.74	96.58	9.02	96.55	9.30	96.53	9.58	96.50	9.86	96.47	10.14
98	97.60	8.83	97.58	9.11	97.55	9.39	97.52	9.68	97.49	9.96	97.46	10.25
99	98.60	8.92	98.57	9.20	98.54	9.49	98.52	9.77	98.49	10.06	98.46	10.35
100	99.59	9.01	99.57	9.30	99.54	9.58	99.51	9.87	99.48	10.16	99.45	10.45
1	100.59	9.10	100.56	9.39	100.54	9.68	100.51	9.97	100.48	10.27	100.45	10.56
2	101.59	9.19	101.56	9.48	101.53	9.78	101.50	10.07	101.47	10.37	101.44	10.66
3	102.58	9.28	102.55	9.57	102.53	9.87	102.50	10.17	102.47	10.47	102.44	10.77
4	103.58	9.37	103.55	9.67	103.52	9.97	103.49	10.27	103.46	10.57	103.43	10.87
5	104.57	9.46	104.55	9.76	104.52	10.06	104.49	10.37	104.46	10.67	104.42	10.98
6	105.57	9.55	105.54	9.85	105.51	10.16	105.48	10.47	105.45	10.77	105.42	11.08
7	106.57	9.64	106.54	9.95	106.51	10.26	106.48	10.56	106.45	10.88	106.41	11.18
8	107.56	9.73	107.53	10.04	107.50	10.35	107.47	10.66	107.44	10.98	107.41	11.29
9	108.56	9.82	108.53	10.13	108.50	10.45	108.47	10.76	108.44	11.08	108.40	11.39
110	109.55	9.91	109.52	10.22	109.49	10.54	109.46	10.86	109.43	11.18	109.40	11.50
11	110.55	10.00	110.52	10.32	110.49	10.64	110.46	10.96	110.43	11.28	110.39	11.60
12	111.55	10.09	111.52	10.41	111.48	10.73	111.45	11.06	111.42	11.38	111.39	11.71
13	112.54	10.18	112.51	10.50	112.48	10.83	112.45	11.16	112.41	11.49	112.38	11.81
14	113.54	10.27	113.51	10.60	113.48	10.93	113.44	11.26	113.41	11.59	113.38	11.92
15	114.58	10.86	114.50	10.69	114.47	11.02	114.44	11.35	114.40	11.69	114.37	12.02
16	115.53	10.45	115.50	10.78	115.47	11.12	115.43	11.45	115.40	11.79	115.36	12.13
17	116.52	10.54	116.49	10.88	116.46	11.21	116.43	11.55	116.39	11.89	116.36	12.23
18	117.52	10.63	117.49	10.97	117.46	11.31	117.42	11.65	117.39	11.99	117.35	12.33
19	118.52	10.72	118.48	11.06	118.45	11.41	118.42	11.75	118.38	12.10	118.35	12.44
120	119.51	10.81	119.48	11.15	119.45	11.50	119.41	11.85	119.38	12.20	119.34	12.54
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	120.51	10.90	120.48	11.25	120.44	11.60	120.41	11.95	120.37	12.30	120.34	12.65
22	121.50	10.99	121.47	11.34	121.44	11.69	121.40	12.05	121.37	12.40	121.33	12.75
23	122.50	11.08	122.47	11.43	122.43	11.79	122.40	12.14	122.36	12.50	122.33	12.86
24	123.50	11.17	123.46	11.53	123.43	11.88	123.39	12.24	123.36	12.60	123.32	12.96
25	124.49	11.26	124.46	11.62	124.43	11.98	124.39	12.34	124.35	12.70	124.32	13.07
26	125.49	11.35	125.45	11.71	125.42	12.08	125.38	12.44	125.35	12.81	125.31	13.17
27	126.48	11.44	126.45	11.80	126.42	12.17	126.38	12.54	126.34	12.91	126.30	13.28
28	127.48	11.53	127.45	11.90	127.41	12.27	127.37	12.64	127.34	13.01	127.30	13.38
29	128.48	11.62	128.44	11.99	128.41	12.36	128.37	12.74	128.33	13.11	128.29	13.48
130	129.47	11.71	129.44	12.08	129.40	12.46	129.36	12.84	129.33	13.21	129.29	13.59
31	130.47	11.80	130.43	12.18	130.40	12.56	130.36	12.93	130.32	13.31	130.28	13.69
32	131.46	11.89	131.43	12.27	131.39	12.65	131.35	13.03	131.32	13.42	131.28	13.80
33	132.46	11.98	132.42	12.36	132.39	12.75	132.35	13.13	132.31	13.52	132.27	13.90
34	133.46	12.07	133.42	12.46	133.38	12.84	133.34	13.23	133.31	13.62	133.27	14.01
35	134.45	12.16	134.42	12.55	134.38	12.94	134.34	13.33	134.30	13.72	134.26	14.11
36	135.45	12.25	135.41	12.64	135.37	13.04	135.34	13.43	135.30	13.82	135.25	14.22
37	136.44	12.34	136.41	12.73	136.37	13.13	136.33	13.53	136.29	13.92	136.25	14.32
38	137.44	12.43	137.40	12.83	137.37	13.23	137.33	13.62	137.29	14.03	137.24	14.43
39	138.44	12.52	138.40	12.92	138.36	13.32	138.32	13.72	138.28	14.13	138.24	14.53
140	139.43	12.61	139.39	13.01	139.36	13.42	139.32	13.82	139.27	14.23	139.23	14.63
41	140.43	12.70	140.39	13.11	140.35	13.51	140.31	13.92	140.27	14.33	140.23	14.74
42	141.42	12.79	141.39	13.20	141.35	13.61	141.31	14.02	141.26	14.43	141.22	14.84
43	142.42	12.88	142.38	13.29	142.34	13.71	142.30	14.12	142.26	14.53	142.22	14.95
44	143.42	12.97	143.38	13.38	143.34	13.80	143.30	14.22	143.25	14.64	143.21	15.05
45	144.41	13.06	144.37	13.48	144.33	13.90	144.29	14.32	144.25	14.74	144.21	15.16
46	145.41	13.15	145.37	13.57	145.33	13.99	145.29	14.41	145.24	14.84	145.20	15.26
47	146.40	13.24	146.36	13.66	146.32	14.09	146.28	14.51	146.24	14.94	146.19	15.37
48	147.40	13.33	147.36	13.76	147.32	14.19	147.28	14.61	147.23	15.04	147.19	15.47
49	148.40	13.42	148.35	13.85	148.31	14.28	148.27	14.71	148.23	15.14	148.18	15.57
150	149.39	13.51	149.35	13.94	149.31	14.38	149.27	14.81	149.22	15.25	149.18	15.68
51	150.39	13.60	150.35	14.04	150.31	14.47	150.26	14.91	150.22	15.35	150.17	15.78
52	151.38	13.69	151.34	14.13	151.30	14.57	151.26	15.01	151.21	15.45	151.17	15.89
53	152.38	13.78	152.34	14.22	152.30	14.66	152.25	15.11	152.21	15.55	152.16	15.99
54	153.37	13.87	153.33	14.31	153.29	14.76	153.25	15.20	153.20	15.65	153.16	16.10
55	154.37	13.96	154.33	14.41	154.29	14.86	154.24	15.30	154.20	15.75	154.15	16.20
56	155.37	14.05	155.32	14.50	155.28	14.95	155.24	15.40	155.19	15.85	155.15	16.31
57	156.36	14.14	156.32	14.59	156.28	15.05	156.23	15.50	156.19	15.96	156.14	16.41
58	157.36	14.23	157.32	14.69	157.27	15.14	157.23	15.60	154.18	16.06	157.13	16.52
59	158.35	14.32	158.31	14.78	158.27	15.24	158.22	15.70	158.18	16.16	158.13	16.62
160	159.35	14.41	159.31	14.87	159.26	15.34	159.22	15.80	159.17	16.26	159.12	16.72
61	160.35	14.50	160.30	14.96	160.26	15.43	160.21	15.90	160.17	16.36	160.12	16.83
62	161.34	14.59	161.30	15.06	161.25	15.53	161.21	15.99	161.16	16.46	161.11	16.93
63	162.34	14.68	162.29	15.15	162.25	15.62	162.20	16.09	162.16	16.57	162.11	17.04
64	163.33	14.77	163.29	15.24	163.25	15.72	163.20	16.19	163.15	16.67	163.10	17.14
65	164.33	14.86	164.29	15.34	164.24	15.81	164.19	16.29	164.15	16.77	164.10	17.25
66	165.33	14.95	165.28	15.43	165.24	15.91	165.19	16.39	165.14	16.87	165.09	17.35
67	166.32	15.04	166.28	15.52	166.23	16.01	166.18	16.49	166.13	16.97	166.08	17.46
68	167.32	15.13	167.27	15.62	167.23	16.10	167.18	16.59	167.13	17.07	167.08	17.56
69	168.31	15.22	168.27	15.71	168.22	16.20	168.17	16.69	168.12	17.18	168.07	17.67
170	169.31	15.31	169.26	15.80	169.22	16.29	169.17	16.78	169.12	17.28	169.07	17.77
71	170.31	15.40	170.26	15.89	170.21	16.39	170.16	16.88	170.11	17.38	170.06	17.87
72	171.30	15.49	171.26	15.99	171.21	16.49	171.16	16.98	171.11	17.48	171.06	17.98
73	172.30	15.58	172.25	16.08	172.20	16.58	172.15	17.08	172.10	17.58	172.05	18.08
74	173.29	15.67	173.25	16.17	173.20	16.68	173.15	17.18	173.10	17.68	173.05	18.19
75	174.29	15.76	174.24	16.27	174.20	16.77	174.14	17.28	174.09	17.79	174.04	18.29
76	175.29	15.85	175.24	16.36	175.19	16.87	175.14	17.38	175.09	17.89	175.04	18.40
77	176.28	15.94	176.23	16.45	176.19	16.96	176.13	17.48	176.08	17.99	176.03	18.50
78	177.28	16.03	177.23	16.55	177.18	17.06	177.13	17.57	177.08	18.09	177.02	18.61
79	178.27	16.12	178.22	16.64	178.18	17.16	178.12	17.67	178.07	18.19	178.02	18.71
180	179.27	16.21	179.22	16.73	179.17	17.25	179.12	17.77	179.07	18.29	179.01	18.82
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	180.27	16.30	180.22	16.82	180.17	17.35	180.12	17.87	180.06	18.40	180.01	18.92
82	181.26	16.39	181.21	16.92	181.16	17.44	181.11	17.97	181.06	18.50	181.00	19.02
83	182.26	16.48	182.21	17.01	182.16	17.54	182.11	18.07	182.05	18.60	182.00	19.13
84	183.25	16.57	183.20	17.10	183.15	17.64	183.10	18.17	183.05	18.70	182.99	19.23
85	184.25	16.66	184.20	17.20	184.15	17.73	184.10	18.27	184.04	18.80	183.99	19.34
86	185.24	16.75	185.19	17.29	185.14	17.83	185.09	18.36	185.04	18.90	184.98	19.44
87	186.24	16.84	186.19	17.38	186.14	17.92	186.09	18.46	186.03	19.01	185.98	19.55
88	187.24	16.93	187.19	17.47	187.14	18.02	187.08	18.56	187.03	19.11	186.97	19.65
89	188.23	17.02	188.18	17.57	188.13	18.11	188.08	18.66	188.02	19.21	187.96	19.76
190	189.23	17.11	189.18	17.66	189.13	18.21	189.07	18.76	189.02	19.31	188.96	19.86
91	190.22	17.20	190.17	17.75	190.12	18.31	190.07	18.86	190.01	19.41	189.95	19.97
92	191.22	17.29	191.17	17.85	191.12	18.40	191.06	18.96	191.01	19.51	190.95	20.07
93	192.22	17.38	192.16	17.94	192.11	18.50	192.06	19.06	192.00	19.62	191.94	20.17
94	193.21	17.47	193.16	18.03	193.11	18.59	193.05	19.15	193.00	19.72	192.94	20.28
95	194.21	17.56	194.16	18.13	194.10	18.69	194.05	19.25	193.99	19.82	193.93	20.38
96	195.20	17.65	195.15	18.22	195.10	18.79	195.04	19.35	194.98	19.92	194.93	20.49
97	196.20	17.74	196.15	18.31	196.09	18.88	196.04	19.45	195.98	20.02	195.92	20.59
98	197.20	17.83	197.14	18.40	197.09	18.98	197.03	19.55	196.97	20.12	196.91	20.70
99	198.19	17.92	198.14	18.50	198.08	19.07	198.03	19.65	197.97	20.23	197.91	20.80
200	199.19	18.01	199.13	18.59	199.08	19.17	199.02	19.75	198.96	20.33	198.90	20.91
01	200.18	18.10	200.13	18.68	200.08	19.26	200.02	19.85	199.96	20.43	199.90	21.01
02	201.18	18.19	201.13	18.78	201.07	19.36	201.01	19.94	200.95	20.53	200.89	21.11
03	202.18	18.28	202.12	18.87	202.07	19.46	202.01	20.04	201.95	20.63	201.89	21.22
04	203.17	18.37	203.12	18.96	203.06	19.55	203.00	20.14	202.94	20.73	202.88	21.32
05	204.17	18.46	204.11	19.05	204.06	19.65	204.00	20.24	203.94	20.84	203.88	21.43
06	205.16	18.55	205.11	19.15	205.05	19.74	204.99	20.34	204.93	20.94	204.87	21.53
07	206.16	18.64	206.10	19.24	206.05	19.84	205.99	20.44	205.93	21.04	205.87	21.64
08	207.16	18.73	207.10	19.33	207.04	19.94	206.98	20.54	206.92	21.14	206.86	21.74
09	208.15	18.82	208.10	19.43	208.04	20.03	207.98	20.64	207.92	21.24	207.85	21.85
210	209.15	18.91	209.09	19.52	209.03	20.13	208.97	20.73	208.91	21.34	208.85	21.95
11	210.14	19.00	210.09	19.61	210.03	20.22	209.97	20.83	209.91	21.45	209.84	22.06
12	211.14	19.09	211.08	19.71	211.02	20.32	210.96	20.93	210.90	21.55	210.84	22.16
13	212.14	19.18	212.08	19.80	212.02	20.42	211.96	21.03	211.90	21.65	211.83	22.26
14	213.13	19.27	213.07	19.89	213.02	20.51	212.95	21.13	212.89	21.75	212.83	22.37
15	214.13	19.36	214.07	19.99	214.01	20.61	213.95	21.23	213.89	21.85	213.82	22.47
16	215.12	19.45	215.06	20.08	215.01	20.70	214.94	21.33	214.88	21.95	214.82	22.58
17	216.12	19.54	216.06	20.17	216.00	20.80	215.94	21.43	215.88	22.05	215.81	22.68
18	217.11	19.63	217.06	20.26	217.00	20.89	216.93	21.52	216.87	22.16	216.81	22.79
19	218.11	19.72	218.05	20.36	217.99	20.99	217.93	21.62	217.87	22.26	217.80	22.89
220	219.11	19.81	219.05	20.45	218.99	21.09	218.92	21.72	218.86	22.36	218.79	23.00
21	220.10	19.90	220.04	20.54	219.98	21.18	219.92	21.82	219.86	22.46	219.79	23.10
22	221.10	19.99	221.04	20.63	220.98	21.28	220.91	21.92	220.85	22.56	220.78	23.21
23	222.09	20.08	222.03	20.73	221.97	21.37	221.91	22.02	221.84	22.66	221.78	23.31
24	223.09	20.17	223.03	20.82	222.97	21.47	222.90	22.12	222.84	22.77	222.77	23.41
25	224.09	20.26	224.03	20.91	223.97	21.57	223.90	22.22	223.83	22.87	223.77	23.52
26	225.08	20.35	225.02	21.01	224.96	21.66	224.90	22.31	224.83	22.97	224.76	23.62
27	226.08	20.44	226.02	21.10	225.96	21.76	225.89	22.41	225.82	23.07	225.76	23.73
28	227.07	20.53	227.01	21.19	226.95	21.85	226.89	22.51	226.82	23.17	226.75	23.83
29	228.07	20.62	228.01	21.29	227.95	21.95	227.88	22.61	227.81	23.27	227.75	23.94
230	229.07	20.71	229.00	21.38	228.94	22.04	228.88	22.71	228.81	23.38	228.74	24.04
31	230.06	20.80	230.00	21.47	229.94	22.14	229.87	22.81	229.80	23.48	229.73	24.15
32	231.06	20.89	231.00	21.56	230.93	22.24	230.87	22.91	230.80	23.58	230.73	24.25
33	232.05	20.98	231.99	21.66	231.93	22.33	231.86	23.01	231.79	23.68	231.72	24.36
34	233.05	21.07	232.99	21.75	232.92	22.43	232.86	23.10	232.79	23.78	232.72	24.46
35	234.05	21.16	233.98	21.84	233.92	22.52	233.85	23.20	233.78	23.88	233.71	24.56
36	235.04	21.25	234.98	21.94	234.91	22.62	234.85	23.30	234.78	23.99	234.71	24.67
37	236.04	21.34	235.97	22.03	235.91	22.72	235.84	23.40	235.77	24.09	235.70	24.77
38	237.03	21.43	236.97	22.12	236.91	22.81	236.84	23.50	236.77	24.19	236.70	24.88
39	238.03	21.52	237.97	22.22	237.90	22.91	237.83	23.60	237.76	24.29	237.69	24.98
240	239.03	21.61	238.96	22.31	238.90	23.00	238.83	23.70	238.76	24.39	238.68	25.09
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	240.02	21.70	239.96	22.40	239.89	23.10	239.82	23.79	239.75	24.49	239.68	25.19
42	241.02	21.79	240.95	22.49	240.89	23.19	240.82	23.89	240.75	24.60	240.67	25.30
43	242.01	21.88	241.95	22.59	241.88	23.29	241.81	23.99	241.74	24.70	241.67	25.40
44	243.01	21.97	242.94	22.68	242.88	23.39	242.81	24.09	242.74	24.80	242.66	25 51
45	244.01	22.06	243.94	22.77	243.87	23.48	243.80	24.19	243.73	24.90	243.66	25 61
46	245.00	22.15	244.94	22.87	244.87	23.58	244.80	24.29	244.73	25.00	244.65	25 71
47	246.00	22.24	245.93	22.96	245.86	23.67	245.79	24.39	245.72	25.10	245.65	25 82
48	246.99	22.33	246.93	23.05	246.86	23.77	246.79	24.49	246.72	25.21	246.64	25 92
49	247.99	22.42	247.92	23.14	247.85	23.87	247.78	24.58	247.71	25.31	247.64	26 03
250	248.99	22.51	248.92	23.24	248.85	23.96	248.78	24.68	248.71	25.41	248.63	26·13
51	249.98	22.60	249.91	23.33	249.85	24.06	249.77	24.78	249.70	25.51	249.62	26.24
52	250.98	22.69	250.91	23.42	250.84	24.15	250.77	24.88	250.69	25.61	250.62	26.34
53	251.97	22.78	251.90	23.52	251.84	24.25	251.76	24.98	251.69	25.71	251.61	26.45
54	252.97	22.87	252.90	23.61	252.83	24.34	252.76	25.08	252.68	25.82	252.61	26.55
55	253.96	22.96	253.90	23.70	253.83	24.44	253.75	25.18	253.68	25.92	253.60	26.66
56	254.96	23.05	254.89	23.80	254.82	24.54	254.75	25.28	254.67	26.02	254.60	26.76
57	255.96	23.14	255.89	23.89	255.82	24.63	255.74	25.37	255.67	26.12	255.59	26.86
58	256.95	23.23	256.88	23.98	256.81	24.73	256.74	25.47	256.66	26.22	256.59	26.97
59	257.95	23.32	257.88	24.07	257.81	24.82	257.73	25.57	257.66	26.32	257.58	27.07
260	258.94	23.41	258.87	24.17	258.80	24.92	258.73	25.67	258.65	26.43	258.58	27.18
61	259.94	23.50	259.87	24.26	259.80	25.02	259.72	25.77	259.65	26.53	259.57	27.28
62	260.94	23.59	260.87	24.35	260.79	25.11	260.72	25.87	260.64	26.63	260.56	27.39
63	261.93	23.68	261.86	24.45	261.79	25.21	261.71	25.97	261.64	26.73	261.56	27.49
64	262.93	23.77	262.86	24.54	262.79	25.30	262.71	26'07	262.63	26.83	262.55	27.60
65	263.92	23.86	263.85	24.63	263·78	25.40	263.70	26.16	263.63	26.93	263.55	27.70
66	264.92	23.95	264.85	24.72	264.78	25.50	264.70	26.26	264.62	27.03	264.54	27.80
67	265.92	24.04	265.84	24.82	265.77	25.59	265.69	26.36	265.62	27.14	265.54	27.91
68	266.91	24.13	266.84	24.91	266.77	25.69	266.69	26.46	266.61	27.24	266.53	28.01
69	267.91	24.22	267.84	25.00	267.76	25.78	267.68	26.56	267.61	27.34	267.53	28.12
270	268.90	24.31	268.83	25.10	268.76	25.88	268.68	26.66	268.60	27.44	268.52	28.22
71	269.90	24.40	269.83	25.19	269.75	25.97	269.68	26.76	269.60	27.54	269.51	28.33
72	270.90	24.49	270.82	25.28	270.75	26.07	270.67	26.86	270.59	27.64	270.51	28.43
73	271.89	24.58	271.82	25.38	271.74	26.17	271.67	26.95	271.59	27.75	271.50	28.54
74	272.89	24.67	272.81	25.47	272.74	26.26	272.66	27.05	272.58	27.85	272.50	28.64
75	273.88	24.76	273.81	25.56	273.74	26.36	273.66	27.15	273.58	27.95	273.49	28.74
76	274.88	24.85	274.80	25.65	274.73	26.45	274.65	27.25	274.57	28.05	274.49	28.85
77	275.88	24.94	275.80	25.75	275.73	26.55	275.65	27.35	275.57	28.15	275.48	28.95
78	276.87	25.03	276.80	25.84	276.72	26.65	276.64	27.45	276.56	28.25	276.48	29.06
79	277.87	25.12	277.79	25.93	277.72	26.74	277.64	27.55	277.55	28.36	277.47	29.16
280	278.86	25.21	278.79	26.03	278.71	26.84	278.63	27.65	278.55	28.46	278.47	29.27
81	279.86	25.30	279.78	26.12	279.71	26.93	279.63	27.74	279.54	28.56	279.46	29.37
82	280.86	25.39	280.78	26.21	280.70	27.03	280.62	27.84	280.54	28.66	280.45	29.47
83	281.85	25.49	281.77	26.30	281.70	27.12	281.62	27.94	281.53	28.76	281.45	29.58
84	282.85	25.58	282.77	26.40	282.69	27.22	282.61	28.04	282.53	28.86	282.44	29.68
85	283.84	25.67	283.77	26.49	283.69	27.32	283.61	28.14	283.52	28.97	283.44	29.79
86	284.84	25.76	284.76	26.58	284.68	27.41	284.60	28.24	284.52	29.07	284.43	29.89
87	285.83	25.85	285.76	26.68	285.68	27.51	285.60	28.34	285.51	29.17	285.43	30.00
88	286.83	25.94	286.75	26.77	286.68	27.60	286.59	28.44	286.51	29.27	286.42	30.10
89	287.83	26.03	287.75	26.86	287.67	27.70	287.59	28.53	287.50	29.37	287.42	30.21
290	288.82	26.12	288.74	26.96	288.67	27.80	288.58	28.63	288.50	29.47	288.41	30.31
91	289.82	26.21	289.74	27.05	289.66	27.89	289.58	28.73	289.49	29.58	289.41	30.42
92	290.81	26.30	290.74	27.14	290.66	27.99	290.57	28.83	290.49	29.68	290.40	30.52
93	291.81	26.39	291.73	27.23	291.65	28.08	291.57	28.93	291.48	29.78	291.39	30.62
94	292.81	26.48	292.73	27.33	292.65	28.18	292.56	29.03	292.48	29.88	292.39	30.73
95	293.80	26.57	293.72	27.42	293.64	28.27	293.56	29.13	293.47	29.98	293.38	30.83
96	294.80	26.66	294.72	27.51	294.64	28.37	294.55	29.23	294.47	30.08	294.38	30.94
97	295.79	26.75	295.71	27.61	295.63	28.47	295.55	29.32	295.46	30.19	295.37	31.04
98	296.79	26.84	296.71	27.70	296.63	28.56	296.54	29.42	296.46	30.29	296.37	31.15
99	297.79	26.93	297.71	27.79	297.62	28.66	297.54	29.52	297.45	30.39	297.36	31.25
300	298.78	27.02	298.70	27.89	298.62	28.75	298.53	29.62	298.45	30.49	298.36	31.36
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.99	0.11	0.99	0.11	0.99	0.11	0.99	0.12	0.99	0.12	0.99	0.12
2	1.99	0.21	1.99	0.22	1.99	0.23	1.99	0.23	1.99	0.24	1.99	0.24
3	2.98	0.32	2.98	0.33	2.98	0.34	2.98	0.35	2.98	0.36	2.98	0.37
4	3.98	0.43	3.98	0.44	3.97	0.45	3.97	0.46	3.97	0.48	3.97	0.49
5	4.97	0.54	4.97	0.55	4.97	0.57	4.97	0.58	4.96	0.59	4.96	0.61
6	5.97	0.64	5.96	0.66	5.96	0.68	5.96	0.70	5.96	0.71	5.96	0.73
7	6.96	0.75	6.96	0.77	6.95	0.79	6.95	0.81	6.95	0.83	6.95	0.85
8	7.95	0.86	7.95	0.88	7.95	0.91	7.95	0.93	7.94	0.95	7.94	0.97
9	8.95	0.97	8.95	0.99	8.94	1.02	8.94	1.04	8.94	1.07	8.93	1.10
10	9.94	1.07	9.94	1.10	9.94	1.13	9.93	1.16	9.93	1.19	9.93	1.22
11	10.94	1.18	10.93	1.21	10.93	1.25	10.93	1.28	10.92	1.31	10.92	1.34
12	11.93	1.29	11.93	1.32	11.92	1.36	11.92	1.39	11.92	1.43	11.91	1.46
13	12.92	1.40	12.92	1.43	12.92	1.47	12.91	1.51	12.91	1.55	12.90	1.58
14	13.92	1.50	13.91	1.54	13.91	1.58	13.91	1.63	13.90	1.67	13.90	1.71
15	14.91	1.61	14.91	1.65	14.90	1.70	14.90	1.74	14.90	1.78	14.89	1.83
16	15.91	1.72	15.90	1.77	15.90	1.81	15.89	1.86	15.89	1.90	15.88	1.95
17	16.90	1.83	16.90	1.88	16.89	1.92	16.88	1.97	16.89	2.02	16.87	2.07
18	17.90	1.93	17.89	1.99	17.88	2.04	17.88	2.09	17.88	2.14	17.87	2.19
19	18.89	2.04	18.88	2.10	18.88	2.15	18.87	2.21	18.87	2.26	18.86	2.32
20	19.88	2.15	19.88	2.21	19.87	2.26	19.86	2.32	19.86	2.38	19.85	2.44
21	20.88	2.26	20.87	2.32	20.86	2.38	20.86	2.44	20.85	2.50	20.84	2.56
22	21.87	2.36	21.87	2.43	21.86	2.49	21.85	2.55	21.85	2.62	21.84	2.68
23	22.87	2.47	22.86	2.54	22.85	2.60	22.84	2.67	22.84	2.74	22.83	2.80
24	23.86	2.58	23.85	2.65	23.85	2.72	23.84	2.79	23.83	2.86	23.82	2.92
25	24.86	2.69	24.85	2.76	24.84	2.83	24.83	2.90	24.82	2.97	24.81	3.05
26	25.85	2.79	25.84	2.87	25.83	2.94	25.82	3.02	25.82	3.09	25.81	3.17
27	26.84	2.90	26.83	2.98	26.83	3.06	26.82	3.13	26.81	3.21	26.80	3.29
28	27.84	3.01	27.83	3.09	27.82	3.17	27.81	3.25	27.80	3.33	27.79	3.41
29	28.83	3.12	28.82	3.20	28.81	3.28	28.80	3.37	28.79	3.45	28.78	3.53
30	29.83	3.22	29.82	3.31	29.81	3.40	29.80	3.48	29.79	3.57	29.78	3.66
31	30.82	3.33	30.81	3.42	30.80	3.51	30.79	3.60	30.78	3.69	30.77	3.78
32	31.81	3.44	31.80	3.53	31.79	3.62	31.78	3.72	31.77	3.81	31.76	3.90
33	32.81	3.54	32.80	3.64	32.79	3.74	32.78	3.83	32.77	3.93	32.75	4.02
34	33.80	3.65	33.79	3.75	33.78	3.85	33.77	3.95	33.76	4.05	33.75	4.14
35	34.80	3.76	34.79	3.86	34.77	3.96	34.76	4.06	34.75	4.16	34.74	4.27
36	35.79	3.87	35.78	3.97	35.77	4.08	35.76	4.18	35.74	4.28	35.73	4.39
37	36.79	3.97	36.77	4.08	36.76	4.19	36.75	4.30	36.74	4.40	36.72	4.51
38	37.78	4.08	37.77	4.19	37.75	4.30	37.74	4.41	37.73	4.52	37.72	4.63
39	38.77	4.19	38.76	4.30	38.75	4.41	38.74	4.53	38.72	4.64	38.71	4.75
40	39.77	4.30	39.76	4.41	39.74	4.53	39.73	4.64	39.72	4.76	39.70	4.87
41	40.76	4.40	40.75	4.52	40.74	4.64	40.72	4.76	40.71	4.88	40.69	5.00
42	41.76	4.51	41.74	4.63	41.73	4.75	41.72	4.88	41.70	5.00	41.69	5.12
43	42.75	4.62	42.74	4.74	42.72	4.87	42.71	4.99	42.69	5.12	42.68	5.24
44	43.75	4.73	43.73	4.85	43.72	4.98	43.70	5.11	43.69	5.24	43.67	5.36
45	44.74	4.83	44.73	4.96	44.71	5.09	44.70	5.22	44.68	5.35	44.66	5.48
46	45.73	4.94	45.72	5.07	45.70	5.20	45.69	5.34	45.67	5.47	45.66	5.61
47	46.73	5.05	46.71	5.18	46.70	5.32	46.68	5.46	46.67	5.59	46.65	5.73
48	47.72	5.16	47.71	5.30	47.69	5.43	47.68	5.57	47.66	5.71	47.64	5.85
49	48.72	5.26	48.70	5.41	48.68	5.55	48.67	5.69	48.65	5.83	48.63	5.97
50	49.71	5.37	49.69	5.52	49.68	5.66	49.66	5.80	49.65	5.95	49.63	6.09
51	50.70	5.48	50.69	5.63	50.67	5.77	50.66	5.92	50.64	6.07	50.62	6.22
52	51.70	5.59	51.68	5.74	51.67	5.89	51.65	6.04	51.63	6.19	51.61	6.34
53	52.69	5.69	52.68	5.85	52.66	6.00	52.64	6.15	52.62	6.31	52.60	6.46
54	53.69	5.80	53.67	5.96	53.65	6.11	53.63	6.27	53.62	6.42	53.60	6.58
55	54.68	5.91	54.66	6.07	54.65	6.23	54.63	6.39	54.61	6.54	54.59	6.70
56	55.68	6.02	55.66	6.18	55.64	6.34	55.62	6.50	55.60	6.66	55.58	6.82
57	56.67	6.12	56.65	6.29	56.63	6.45	56.61	6.62	56.59	6.78	56.57	6.95
58	57.66	6.23	57.65	6.40	57.63	6.57	57.61	6.73	57.59	6.90	57.57	7.07
59	58.66	6.34	58.64	6.51	58.62	6.68	58.60	6.85	58.58	7.02	58.56	7.19
60	59.65	6.45	59.63	6.62	59.61	6.79	59.59	6.97	59.57	7.14	59.55	7.31
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.65	6.55	60.63	6.73	60.61	6.91	60.59	7.08	60.57	7.26	60.54	7.43
62	61.64	6.66	61.62	6.84	61.60	7.02	61.58	7.20	61.56	7.38	61.54	7.56
63	62.64	6.77	62.62	6.95	62.59	7.13	62.57	7.31	62.55	7.50	62.53	7.68
64	63.63	6.87	63.61	7.06	63.59	7.25	63.57	7.43	63.55	7.61	63.52	7.80
65	64.62	6.98	64.60	7.17	64.58	7.36	64.56	7.55	64.54	7.73	64.51	7.92
66	65.62	7.09	65.60	7.28	65.58	7.47	65.55	7.66	65.53	7.85	65.51	8.04
67	66.61	7.20	66.59	7.39	66.57	7.58	66.55	7.78	66.52	7.97	66.50	8.17
68	67.61	7.30	67.58	7.50	67.56	7.70	67.54	7.89	67.52	8.09	67.49	8.29
69	68.60	7.41	68.58	7.61	68.56	7.81	68.53	8.01	68.51	8.21	68.48	8.41
70	69.59	7.52	69.57	7.72	69.55	7.92	69.53	8.13	69.50	8.33	69.48	8.53
71	70.59	7.63	70.57	7.83	70.54	8.04	70.52	8.24	70.50	8.45	70.47	8.65
72	71.58	7.73	71.56	7.94	71.54	8.15	71.51	8.36	71.49	8.57	71.46	8.77
73	72.58	7.84	72.55	8.05	72.53	8.26	72.51	8.47	72.48	8.69	72.45	8.90
74	73.57	7.95	73.55	8.16	73.52	8.38	73.50	8.59	73.47	8.80	73.45	9.02
75	74.57	8.06	74.54	8.27	74.52	8.49	74.49	8.71	74.47	8.92	74.44	9.14
76	75.56	8.16	75.54	8.38	75.51	8 60	75.49	8.82	75.46	9.04	75.43	9.26
77	76.55	8.27	76.53	8.49	76.50	8.72	76.48	8.94	76.45	9.16	76.42	9.38
78	77.55	8.38	77.52	8.60	77.50	8.83	77.47	9.06	77.45	9.28	77.42	9.51
79	78.54	8.49	78.52	8.71	78.49	8.94	78.47	9.17	78.44	9.40	78.41	9.63
80	79.54	8.59	79.51	8.83	79.49	9.06	79.46	9.29	79.43	9.52	79.40	9.75
81	80.53	8.70	80.51	8.94	80.48	9.17	80.45	9.40	80.43	9.64	80.39	9.87
82	81.53	8.81	81.50	9.05	81.47	9.28	81.45	9.52	81.42	9.76	81.39	9.99
83	82.52	8.92	82.49	9.16	82.47	9.40	82.44	9.64	82.41	9.88	82.38	10.12
84	83.51	9.02	83.49	9.27	83.46	9.51	83.43	9.75	83.40	9.99	83.37	10.24
85	84.51	9.13	84.48	9.38	84.45	9.62	84.43	9.87	84.40	10.11	84.36	10.36
86	85.50	9.24	85.47	9.49	85.45	9.74	85.42	9.98	85.39	10.23	85.36	10.48
87	86.50	9.35	86.47	9.60	86.44	9.85	86.41	10.10	86.38	10.35	86.35	10.60
88	87.49	9.45	87.46	9.71	87.43	9.96	87.41	10.22	87.38	10.47	87.34	10.72
89	88.48	9.56	88.46	9.82	88.43	10.07	88.40	10.33	88.37	10.59	88.33	10.85
90	89.48	9.67	89.45	9.93	89.42	10.19	89.39	10.45	89.36	10.71	89.33	10.97
91	90.47	9.78	90.44	10.04	90.41	10.30	90.38	10.56	90.35	10.83	90.32	11.09
92	91.47	9.88	91.44	10.15	91.41	10.41	91.38	10.68	91.35	10.95	91.31	11.21
93	92.46	9.99	92.43	10.25	92.40	10.53	92.37	10.80	92.34	11.07	92.31	11.33
94	93.46	10.10	93.43	10.37	93.40	10.64	93.36	10.91	93.33	11.18	93.30	11.46
95	94.45	10.20	94.42	10.48	94.39	10.75	94.36	11.03	94.33	11.30	94.29	11.58
96	95.44	10.31	95.41	10.59	95.38	10.87	95.35	11.15	95.32	11.42	95.28	11.70
97	96.44	10.42	96.41	10.70	96.38	10.98	96.34	11.26	96.31	11.54	96.28	11.82
98	97.43	10.53	97.40	10.81	97.37	11.09	97.34	11.38	97.31	11.66	97.27	11.94
99	98.43	10.63	98.40	10.92	98.36	11.21	98.33	11.49	98.30	11.78	98.26	12.07
100	99.42	10.74	99.39	11.03	99.36	11.32	99.32	11.61	99.29	11.90	99.26	12.19
01	100.42	10.85	100.38	11.14	100.35	11.43	100.32	11.73	100.28	12.02	100.25	12.31
02	101.41	10.96	101.38	11.25	101.34	11.55	101.31	11.84	101.28	12.14	101.24	12.43
03	102.40	11.06	102.37	11.36	102.34	11.66	102.30	11.96	102.27	12.26	102.23	12.55
04	103.40	11.17	103.37	11.47	103.33	11.77	103.30	12.07	103.26	12.37	103.23	12.67
05	104.39	11.28	104.36	11.58	104.32	11.89	104.29	12.19	104.26	12.49	104.22	12.80
06	105.39	11.39	105.35	11.69	105.32	12.00	105.28	12.31	105.25	12.61	105.21	12.92
07	106.38	11.49	106.35	11.80	106.31	12.11	106.28	12.42	106.24	12.73	106.20	13.04
08	107.37	11.60	107.34	11.91	107.31	12.23	107.27	12.54	107.23	12.85	107.20	13.16
09	108.37	11.71	108.33	12.02	108.30	12.34	108.26	12.65	108.23	12.97	108.19	13.28
110	109.36	11.82	109.33	12.13	109.29	12.45	109.26	12.77	109.22	13.09	109.18	13.41
11	110.36	11.92	110.32	12.24	110.29	12.57	110.25	12.89	110.21	13.21	110.17	13.53
12	111.35	12.03	111.32	12.36	111.28	12.68	111.24	13.00	111.21	13.33	111.17	13.65
13	112.35	12.14	112.31	12.47	112.27	12.79	112.24	13.12	112.20	13.44	112.16	13.77
14	113.34	12.25	113.30	12.58	113.27	12.91	113.23	13.24	113.19	13.57	113.15	13.89
15	114.33	12.35	114.30	12.69	114.26	13.02	114.22	13.35	114.18	13.68	114.14	14.01
16	115.33	12.46	115.29	12.80	115.25	13.13	115.22	13.47	115.18	13.80	115.14	14.14
17	116.32	12.57	116.29	12.91	116.25	13.24	116.21	13.58	116.17	13.92	116.13	14.26
18	117.32	12.68	117.28	13.02	117.24	13.36	117.20	13.70	117.16	14.04	117.12	14.38
19	118.31	12.78	118.27	13.13	118.23	13.47	118.20	13.82	118.16	14.16	118.12	14.50
120	119.31	12.89	119.27	13.24	119.23	13.58	119.19	13.93	119.15	14.28	119.11	14.62

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	120.30	13.00	120.26	13.35	120.22	13.70	120.18	14.05	120.14	14.40	120.10	14.75
22	121.29	13.11	121.26	13.46	121.22	13.81	121.17	14.16	121.13	14.52	121.09	14.87
23	122.29	13.21	122.25	13.57	122.21	13.93	122.17	14.28	122.13	14.63	122.08	14.99
24	123.28	13.32	123.24	13.68	123.20	14.04	123.16	14.39	123.12	14.75	123.08	15.11
25	124.28	13.43	124.24	13.79	124.20	14.15	124.15	14.51	124.11	14.87	124.07	15.23
26	125.27	13.53	125.23	13.90	125.19	14.27	125.15	14.63	125.11	14.99	125.06	15.36
27	126.26	13.64	126.22	14.01	126.18	14.38	126.14	14.74	126.10	15.11	126.05	15.48
28	127.26	13.75	127.22	14.12	127.18	14.49	127.13	14.86	127.09	15.23	127.05	15.60
29	128.25	13.86	128.21	14.23	128.17	14.60	128.13	14.98	128.08	15.35	128.04	15.72
130	129.25	13.96	129.21	14.34	129.16	14.72	129.12	15.09	129.08	15.47	129.03	15.84
31	130.24	14.07	130.20	14.45	130.16	14.83	130.11	15.21	130.07	15.59	130.02	15.96
32	131.24	14.18	131.19	14.56	131.15	14.94	131.11	15.32	131.06	15.71	131.02	16.09
33	132.23	14.29	132.19	14.67	132.14	15.06	132.10	15.44	132.06	15.82	132.01	16.21
34	133.22	14.39	133.18	14.78	133.14	15.17	133.09	15.56	133.05	15.94	133.00	16.33
35	134.22	14.50	134.18	14.89	134.13	15.28	134.09	15.67	134.04	16.06	133.99	16.45
86	135.21	14.61	135.17	15.00	135.12	15.40	135.08	15.79	135.03	16.18	134.99	16.57
37	136.21	14.72	136.16	15.11	136.12	15.51	136.07	15.90	136.03	16.30	135.98	16.70
38	137.20	14.82	137.16	15.22	137.11	15.62	137.07	16.02	137.02	16.42	136.97	16.82
39	138.20	14.93	138.15	15.33	138.11	15.74	138.06	16.14	138.01	16.54	137.96	16.94
140	139.19	15.04	139.15	15.44	139.10	15.85	139.05	16.25	139.01	16.66	138.96	17.06
41	140.18	15.15	140.14	15.55	140.09	15.96	140.05	16.37	140.00	16.78	139.95	17.18
42	141.18	15.25	141.13	15.66	141.08	16.07	141.04	16.49	140.99	16.90	140.94	17.31
43	142.17	15.36	142.13	15.77	142.08	16 19	142.03	16.60	141.99	16.01	141.93	17.43
44	143.17	15.47	143.12	15.89	143.07	16.30	143.03	16.72	142.98	17.13	142.93	17.55
45	144.16	15.58	144.11	16.00	144.07	16.41	144.02	16.83	143.97	17.25	143.92	17.67
46	145.15	15.68	145.11	16.11	145.06	16.53	145.01	16.95	144.96	17.37	144.91	17.79
47	146.15	15.79	146.10	16.22	146.06	16.64	146.01	17.07	145.96	17.49	145.90	17.91
48	147.14	15.90	147.10	16.33	147.05	16.75	147.00	17.18	146.95	17.61	146.90	18.04
49	148.14	16.01	148.09	16.44	148.04	16.87	147.99	17.30	147.94	17.73	147.89	18.16
150	149.13	16.11	149.08	16.55	149.04	16.98	148.99	17.41	148.94	17.85	148 88	18.28
51	150.13	16.22	150.08	16.66	150.03	17.09	149.98	17.53	149.93	17.97	149.87	18.40
52	151.12	16.33	151.07	16.77	151.02	17.21	150.97	17.65	150.92	18.09	150.87	18.52
53	152.11	16.44	152.07	16.88	152.02	17.32	151.96	17.76	151.91	18.20	151.86	18.65
54	153.11	16.54	153.06	16.99	153.01	17.43	152.96	17.88	152.91	18.32	152.85	18.77
55	154.10	16.65	154.05	17.10	154.01	17.55	153.95	17.99	153.90	18.44	153.84	18.89
56	155.10	16.76	155.05	17.21	455.00	17.66	154.94	18.11	154.89	18.56	154.84	19.01
57	156.09	16.86	156.04	17.32	155.99	17.77	155.94	18.23	155.89	18.68	155.83	19.13
58	157.09	16.97	157.04	17.43	156.99	17.89	156.93	18.34	156.88	18.80	156.82	19.25
59	158.08	17.08	158.03	17.54	157.98	18.00	157.92	18.46	157.87	18.92	157.81	19.38
160	159.07	17.19	159.02	17.65	158.97	18.11	158.92	18.58	158.86	19.04	158.81	19.50
61	160.07	17.29	160.02	17.76	159.96	18.23	159.91	18.69	159.86	19.16	159.80	19.62
62	161.06	17.40	161.01	17.87	160.96	18.34	160.90	18.81	160.85	19.27	160.79	19.74
63	162.06	17.51	162.01	17.98	161.95	18.45	161.90	18.92	161.84	19.39	161.78	19.86
64	163.05	17.62	163.00	18.09	162.95	18.57	162.89	19.04	162.84	19.51	162.78	19.99
65	164.04	17.72	163.99	18.20	163.94	18.68	163.88	19.16	163.83	19.63	163.77	20.11
66	165.04	17.83	164.99	18.31	164.93	18.79	164.88	19.27	164.82	19.75	164.76	20.23
67	166.03	17.94	165.98	18.42	165.93	18.90	165.87	19.39	165.82	19.87	165.76	20.35
68	167.03	18.05	166.97	18.53	166.92	19.02	166.86	19.50	166.81	19.99	166.75	20.47
69	168.02	18.15	167.97	18.64	167.91	19.13	167.86	19.62	167.80	20.11	167.74	20.60
170	169.02	18.26	168.96	18.75	168.91	19.24	168.85	19.74	168.79	20.23	168.73	20.72
71	170.01	18.37	169.96	18.86	169.90	19.36	169.84	19.85	169.79	20.35	169.73	20.84
72	171.00	18.48	170.95	18.97	170.89	19.47	170.84	19.97	170.78	20.46	170.72	20.96
73	172.00	18.58	171.94	19.08	171.89	19.58	171.83	20.08	171.77	20.58	171.71	21.08
74	172.99	18.69	172.94	19.19	172.88	19.70	172.82	20.20	172.77	20.70	172.70	21.21
75	173.99	18.80	173.93	19.30	173.87	19.81	173.82	20.32	173.76	20.82	173.70	21.33
76	174.98	18.91	174.93	19.42	174.87	19.92	174.81	20.43	174.75	20.94	174.69	21.45
77	175.98	19.01	175.92	19.53	175.86	20.04	175.80	20.55	175.74	21.06	175.68	21.57
78	176.97	19.12	176.91	19.64	176.86	20.15	176.80	20.66	176.74	21.18	176.67	21.69
79	177.96	19.23	177.91	19.75	177.85	20.26	177.79	20.78	177.73	21.30	177.67	21.81
180	178.96	19.34	178.90	19.86	178.84	20.38	178.78	20.90	178.72	21.42	178.66	21.94

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dd.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	179.95	19.44	179.90	19.97	179.84	20.49	179.78	21.01	179.72	21.54	179.65	22.06
82	180.95	19.55	180.89	20.08	180.83	20.60	180.77	21.13	180.71	21.65	180.64	22.18
83	181.94	19.66	181.88	20.19	181.82	20.71	181.76	21.25	181.70	21.77	181.64	22.30
84	182.93	19.77	182.88	20.30	182.82	30.83	182.76	21.36	182.70	21.89	182.63	22.42
85	183.93	19.87	183.87	20.41	183.81	20.94	183.75	21.48	183.69	22.01	183.62	22.55
86	184.92	19.98	184.86	20.52	184.80	21.05	184.74	21.59	184.68	22.13	184.61	22.67
87	185.92	20.09	185.86	20.63	185.80	21.17	185.74	21.71	185.67	22.25	185.61	22.79
88	186.91	20.19	186.85	20.74	186.79	21.28	186.73	21.83	186.67	22.37	186.60	22.91
89	187.91	20.30	187.85	20.85	187.78	21.39	187.72	21.94	187.66	22.49	187.59	23.03
190	188.90	20.41	188.84	20.96	188.78	21.51	188.72	22.06	188.65	22.61	188.58	23.15
61	189.89	20.52	189.83	21.07	189.77	21.62	189.71	22.17	189.64	22.73	189.58	23.28
92	190.89	20.62	190.83	21.18	190.77	21.73	190.70	22.29	190.64	22.84	190.57	23.40
93	191.88	20.73	191.82	21.29	191.76	21.85	191.70	22.41	191.63	22.96	191.56	23.52
94	192.88	20.84	192.82	21.40	192.75	21.96	192.69	22.52	192.62	23.08	192.55	23.64
95	193.87	20.95	193.81	21.51	193.75	22.07	193.68	22.64	193.62	23.20	193.55	23.76
96	194.87	21.05	194.80	21.62	194.74	22.19	194.68	22.75	194.61	23.32	194.54	23.89
97	195.86	21.16	195.80	21.73	195.73	22.30	195.67	22.87	195.60	23.44	195.53	24.01
98	196.86	21.27	196.79	21.84	196.73	22.41	196.66	22.99	196.59	23.56	196.52	24.13
99	197.85	21.38	197.79	21.95	197.72	22.53	197.66	23.10	197.59	23.68	197.52	24.25
200	198.85	21.48	198.78	22.06	198.71	22.64	198.65	23.22	198.58	23.80	198.51	24.37
01	199.84	21.59	199.77	22.17	199.71	22.75	199.64	23.33	199.57	23.92	199.50	24.50
02	200.83	21.70	200.77	22.28	200.70	22.87	200.64	23.45	200.57	24.03	200.49	24.62
03	201.82	21.81	201.76	22.39	201.69	22.98	201.63	23.57	201.56	24.15	201.49	24.74
04	202.82	21.91	202.75	22.50	202.69	23.09	202.62	23.68	202.55	24.27	202.48	24.86
05	203.81	22.02	203.75	22.61	203.68	23.21	203.62	23.80	203.54	24.39	203.47	24.98
06	204.81	22.13	204.74	22.72	204.68	23.32	204.61	23.92	204.54	24.51	204.46	25.11
07	205.80	22.24	205.74	22.83	205.67	23.43	205.60	24.03	205.53	24.63	205.46	25.23
08	206.80	22.34	206.73	22.95	206.66	23.53	206.59	24.13	206.52	24.75	206.45	25.35
09	207.79	22.45	207.72	23.06	207.66	23.66	207.59	24.26	207.52	24.87	207.44	25.47
210	208.78	22.56	208.72	23.17	208.65	23.77	208.58	24.38	208.51	24.99	208.43	25.59
11	209.78	22.67	209.71	23.28	209.64	23.88	209.57	24.50	209.50	25.10	209.43	25.71
12	210.77	22.77	210.71	23.39	210.64	23.99	210.57	24.61	210.50	25.22	210.42	25.84
13	211.77	22.88	211.70	23.50	211.63	24.11	211.56	24.73	211.49	25.34	211.41	25.96
14	212.76	22.99	212.69	23.61	212.62	24.22	212.55	24.84	212.48	25.46	212.40	26.08
15	213.76	23.10	213.69	23.72	213.62	24.33	213.55	24.96	213.47	25.58	213.40	26.20
16	214.75	23.20	214.68	23.83	214.61	24.45	214.54	25.08	214.47	25.70	214.39	26.32
17	215.44	23.31	215.68	23.94	215.60	24.56	215.53	25.19	215.46	25.82	215.38	26.45
18	216.74	23.42	216.67	24.05	216.60	24.67	216.53	25.31	216.45	25.94	216.37	26.57
19	217.73	23.52	217.66	24.16	217.59	24.78	217.52	25.43	217.45	26.06	217.37	26.69
220	218.73	23.63	218.66	24.27	218.59	24.89	218.51	25.54	218.44	26.18	218.36	26.81
21	219.72	23.74	219.65	24.38	219.58	25.02	219.51	25.66	219.43	26.29	219.35	26.93
22	220.71	23.85	220.64	24.49	220.57	25.13	220.50	25.77	220.43	26.41	220.35	27.06
23	221.70	23.95	221.64	24.60	221.57	25.24	221.49	25.89	221.42	26.53	221.34	27.18
24	222.70	24.06	222.63	24.71	222.56	25.36	222.48	26.01	222.41	26.65	222.33	27.30
25	223.69	24.17	223.63	24.82	223.55	25.47	223.48	26.12	223.40	26.77	223.32	27.42
26	224.69	24.28	224.62	24.93	224.55	25.58	224.47	26.24	224.40	26.89	224.32	27.54
27	225.68	24.38	225.61	25.04	225.54	25.70	225.46	26.35	225.39	27.01	225.31	27.66
28	226.68	24.49	226.61	25.15	226.53	25.81	226.46	26.47	226.38	27.13	226.30	27.79
29	227.67	24.60	227.60	25.26	227.53	25.92	227.45	26.59	227.38	27.25	227.29	27.91
230	228.67	24.71	228.59	25.37	228.52	26.04	228.44	26.70	228.37	27.37	228.29	28.03
31	229.66	24.81	229.59	25.48	229.51	26.15	229.44	26.82	229.36	27.48	229.28	28.15
32	230.65	24.92	230.58	25.59	230.51	26.26	230.43	26.93	230.35	27.60	230.27	28.27
33	231.65	25.03	231.58	25.70	231.50	26.38	231.42	27.05	231.35	27.72	231.26	28.40
34	232.64	25.14	232.57	25.81	232.50	26.49	232.42	27.17	232.34	27.84	232.26	28.52
35	233.64	25.24	233.56	25.92	233.49	26.60	233.41	27.28	233.33	27.96	233.25	28.64
36	234.63	25.35	234.56	26.03	234.48	26.72	234.40	27.40	234.33	28.08	234.24	28.76
37	235.62	25.46	235.55	26.14	235.48	26.83	235.40	27.51	235.32	28.20	235.23	28.88
38	236.62	25.57	236.55	26.25	236.47	26.94	236.39	27.63	236.31	28.31	236.23	29.01
39	237.61	25.67	237.54	26.36	237.46	27.06	237.38	27.75	237.30	28.44	237.22	29.13
240	238.61	25.78	238.53	26.47	238.46	27.17	238.38	27.86	238.30	28.56	238.21	29.25
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	239.60	25.88	239.53	26.59	239.45	27.29	239.37	27.98	239.29	28.67	239.20	29.37
42	240.60	26.00	240.52	26.70	240.44	27.40	240.36	28.09	240.28	28.79	240.20	29.49
43	241.59	26.10	241.52	26.81	241.44	27.51	241.36	28.21	241.28	28.91	241.19	29.61
44	242.59	26.21	242.51	26.92	242.43	27.62	242.35	28.33	242.27	29.03	242.18	29.74
45	243.58	26.32	243.50	27.03	243.42	27.74	243.34	28.44	243.26	29.15	243.17	29.86
46	244.58	26.43	244.50	27.14	244.42	27.85	244.34	28.56	244.25	29.27	244.17	29.98
47	245.57	26.53	245.49	27.25	245.41	27.96	245.33	28.68	245.25	29.39	245.16	30.10
48	246.56	26.64	246.49	27.36	246.40	28.07	246.32	28.79	246.24	29.51	246.15	30.22
49	247.56	26.75	247.48	27.47	247.40	28.19	247.32	28.91	247.23	29.63	247.14	30.34
250	248.55	26.86	248.47	27.58	248.39	28.30	248.31	29.02	248.23	29.75	248.14	30.47
51	249.55	26.96	249.47	27.69	249.39	28.41	249.30	29.14	249.22	29.86	249.13	30.59
52	250.54	27.07	250.46	27.80	250.38	28.53	250.30	29.26	250.21	29.98	250.12	30.71
53	251.54	27.18	251.46	27.91	251.37	28.64	251.29	29.37	251.20	30.10	251.11	30.83
54	252.53	27.28	252.45	28.02	252.37	28.75	252.28	29.49	252.20	30.22	252.11	30.95
55	253.52	27.39	253.44	28.13	253.36	28.87	253.28	29.61	253.19	30.34	253.10	31.08
56	254.52	27.50	254.44	28.24	254.35	28.98	254.27	29.72	254.18	30.46	254.09	31.20
57	255.51	27.61	255.43	28.35	255.35	29.09	255.26	29.84	255.18	30.58	255.08	31.32
58	256.51	27.71	256.42	28.46	256.34	29.21	256.25	29.95	256.17	30.70	256.08	31.44
59	257.50	27.82	257.42	28.57	257.33	29.32	257.25	30.07	257.16	30.82	257.07	31.56
267	258.49	27.93	258.41	28.68	258.33	29.43	258.24	30.19	258.15	30.94	258.06	31.69
61	259.49	28.04	259.41	28.79	259.32	29.55	259.23	30.30	259.15	31.05	259.05	31.81
62	260.48	28.14	260.40	28.90	260.32	29.66	260.23	30.42	260.14	31.17	260.05	31.93
63	261.48	28.25	261.39	29.01	261.31	29.77	261.22	30.53	261.13	31.29	261.04	32.05
64	262.47	28.36	262.39	29.12	262.30	29.89	262.21	30.65	262.13	31.41	262.03	32.17
65	263.47	28.47	263.38	29.23	263.30	30.00	263.21	30.77	263.12	31.53	263.02	32.30
66	264.46	28.57	264.38	29.34	264.29	30.11	264.20	30.88	264.11	31.65	264.02	32.42
67	265.45	28.69	265.37	29.45	265.28	30.23	265.19	31.00	265.10	31.77	265.01	32.54
68	266.45	28.79	266.36	29.56	266.28	30.34	266.19	31.12	266.10	31.89	266.00	32.66
69	267.44	28.90	267.36	29.67	267.27	30.45	267.18	31.23	267.09	32.01	266.99	32.78
270	268.44	29.00	268.35	29.78	268.27	30.56	268.17	31.35	268.08	32.13	267.99	32.90
71	269.43	29.11	269.35	29.89	269.26	30.68	269.17	31.46	269.08	32.24	268.98	33.03
72	270.43	29.22	270.34	30.01	270.25	30.79	270.16	31.58	270.07	32.36	269.97	33.15
73	271.42	29.33	271.33	30.12	271.24	30.90	271.15	31.69	271.06	32.48	270.97	33.27
74	272.41	29.43	272.33	30.23	272.24	31.02	272.15	31.81	272.06	32.60	271.96	33.39
75	273.41	29.54	273.32	30.34	273.23	31.13	273.14	31.93	273.05	32.72	272.95	33.51
76	274.40	29.65	274.31	30.45	274.23	31.24	274.13	32.04	274.04	32.84	273.94	33.64
77	275.40	29.76	275.31	30.56	275.22	31.36	275.13	32.16	275.03	32.96	274.94	33.76
78	276.39	29.86	276.30	30.67	276.21	31.47	276.12	32.27	276.03	33.08	275.93	33.88
79	277.38	29.97	277.30	30.78	277.21	31.58	277.11	32.39	277.02	33.20	276.92	34.00
280	278.38	30.08	278.29	30.89	278.20	31.70	278.11	32.51	278.01	33.32	277.91	34.12
81	279.37	30.19	279.28	31.00	279.19	31.81	279.10	32.62	279.01	33.43	278.91	34.25
82	280.37	30.29	280.28	31.11	280.19	31.92	280.09	32.74	280 00	33.55	279.90	34.37
83	281.36	30.40	281.27	31.22	281.18	32.04	281.09	32.85	280.99	33.67	280.89	34.49
84	282.36	30.51	282.27	31.33	282.17	32.15	282.08	32.97	281.98	33.79	281.88	34.61
85	283.35	30.61	283.26	31.44	283.17	32.26	283.07	33.09	282.98	33.91	282.88	34.73
86	284.34	30.72	284.25	31.55	284.16	32.38	284.07	33.20	283.97	34.03	283.87	34.85
87	285.34	30.83	285.25	31.66	285.15	32.49	285.06	33.32	284.96	34.15	284.86	34.98
88	286.33	30.94	286.24	31.77	286.15	32.60	286.05	33.44	285.96	34.27	285.85	35.10
89	287.33	31.04	287.24	31.88	287 14	32.72	287.05	33.55	286.95	34.39	286.85	35.22
290	288.32	31.15	288.23	31.99	288.14	32.83	288.04	33.67	287.94	34.50	287.84	35.34
91	289.32	31.26	289.22	32.10	289.13	32.94	289.03	33.78	288.93	34.62	288.83	35.46
92	290.31	31.37	290.22	32.21	290.12	33.06	290.03	33.90	289.93	34.74	289.82	35.59
93	291.30	31.47	291.21	32.32	291.12	33.17	291.02	34.02	290.92	34.86	290.82	35.71
94	292.30	31.58	292.20	32.43	292.11	33.28	292.01	34.13	291.91	34.98	291.81	35.83
95	293.29	31.69	293.20	32.54	293.10	33.39	293.01	34.25	292.91	35.10	292.80	35.95
96	294.29	31.80	294.19	32.65	294.10	33.51	294.00	34.36	293.90	35.22	293.79	36.07
97	295.28	31.90	295.19	32.76	295.09	33.62	294.99	34.48	294.89	35.34	294.79	36.20
98	296.27	32.01	296.18	32.87	296.08	33.73	295.98	34.60	295.88	35.46	295.78	36.32
99	297.27	32.12	297.17	32.98	297.08	33.85	296.98	34.71	296.88	35.58	296.77	36.44
300	298.2[illegible]	2.23	298.17	33.09	298.07	33.96	297.97	34.83	297.87	35.69	297.76	36.56
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.99	0.12	0.99	0.13	0.99	0.13	0.99	0.13	0.99	0.14	0.99	0.14
2	1.98	0.25	1.98	0.26	1.98	0.26	1.98	0.27	1.98	0.27	1.98	0.27
3	2.98	0.37	2.98	0.38	2.97	0.39	2.97	0.40	2.97	0.41	2.97	0.42
4	3.97	0.50	3.97	0.51	3.97	0.52	3.96	0.53	3.96	0.55	3.96	0.56
5	4.96	0.62	4.96	0.64	4.96	0.65	4.96	0.67	4.95	0.68	4.95	0.70
6	5.95	0.75	5.95	0.77	5.95	0.78	5.95	0.80	5.94	0.82	5.94	0.84
7	6.95	0.87	6.94	0.89	6.94	0.91	6.94	0.93	6.93	0.95	6.93	0.97
8	7.94	1.00	7.93	1.02	7.93	1.04	7.93	1.07	7.93	1.09	7.92	1.11
9	8.93	1.12	8.93	1.15	8.92	1.17	8.92	1.20	8.92	1.23	8.91	1.25
10	9.92	1.25	9.92	1.28	9.91	1.31	9.91	1.33	9.91	1.36	9.90	1.39
11	10.91	1.37	10.91	1.40	10.91	1.44	10.90	1.47	10.90	1.50	10.89	1.53
12	11.91	1.50	11.90	1.53	11.90	1.57	11.89	1.60	11.89	1.64	11.88	1.67
13	12.90	1.62	12.90	1.66	12.89	1.70	12.88	1.73	12.88	1.77	12.87	1.81
14	13.89	1.75	13.89	1.78	13.88	1.83	13.87	1.87	13.87	1.91	13.86	1.95
15	14.88	1.87	14.88	1.91	14.87	1.96	14.87	2.00	14.86	2.04	14.85	2.09
16	15.88	2.00	15.87	2.04	15.86	2.09	15.86	2.13	15.85	2.18	15.84	2.23
17	16.87	2.12	16.86	2.17	16.85	2.22	16.85	2.27	16.84	2.32	16.83	2.37
18	17.86	2.25	17.85	2.29	17.85	2.35	17.84	2.40	17.83	2.45	17.82	2.51
19	18.85	2.37	18.84	2.42	18.84	2.48	18.83	2.53	18.82	2.59	18.82	2.64
20	19.84	2.50	19.84	2.55	19.83	2.61	19.82	2.67	19.81	2.73	19.81	2.78
21	20.84	2.62	20.83	2.68	20.82	2.74	20.81	2.80	20.80	2.86	20.80	2.92
22	21.83	2.74	21.82	2.81	21.81	2.87	21.80	2.93	21.79	3.00	21.79	3.06
23	22.82	2.87	22.81	2.94	22.80	3.00	22.79	3.07	22.79	3.13	22.78	3.20
24	23.81	2.99	23.80	3.06	23.80	3.13	23.79	3.20	23.78	3.27	23.77	3.34
25	24.81	3.12	24.80	3.19	24.79	3.26	24.78	3.33	24.77	3.41	24.76	3.48
26	25.80	3.24	25.79	3.32	25.78	3.39	25.77	3.47	25.76	3.54	25.75	3.62
27	26.79	3.37	26.78	3.45	26.77	3.52	26.76	3.60	26.75	3.68	26.74	3.76
28	27.78	3.49	27.77	3.58	27.76	3.65	27.75	3.73	27.74	3.82	27.73	3.90
29	28.77	3.62	28.76	3.70	28.75	3.79	28.74	3.87	28.73	3.95	28.72	4.04
30	29.77	3.74	29.75	3.83	29.74	3.92	29.73	4.00	29.72	4.09	29.71	4.18
31	30.76	3.87	30.75	3.96	30.73	4.05	30.72	4.14	30.71	4.23	30.70	4.31
32	31.75	3.99	31.74	4.08	31.73	4.18	31.71	4.27	31.70	4.36	31.69	4.45
33	32.74	4.12	32.73	4.21	32.72	4.31	32.70	4.40	32.69	4.50	32.68	4.59
34	33.73	4.24	33.72	4.34	33.71	4.44	33.70	4.54	33.68	4.63	33.67	4.73
35	34.73	4.37	34.71	4.47	34.70	4.57	34.69	4.67	34.67	4.77	34.66	4.87
36	35.72	4.49	35.71	4.60	35.69	4.70	35.68	4.80	35.66	4.91	35.65	5.01
37	36.71	4.62	36.70	4.72	36.68	4.83	36.67	4.94	36.66	5.04	36.64	5.15
38	37.70	4.74	37.69	4.85	37.67	4.96	37.66	5.07	37.65	5.18	37.63	5.29
39	38.70	4.87	38.68	4.98	38.67	5.09	38.65	5.20	38.64	5.32	38.62	5.43
40	39.69	4.99	39.67	5.11	39.66	5.22	39.64	5.34	39.63	5.45	39.61	5.57
41	40.68	5.11	40.66	5.23	40.65	5.35	40.63	5.47	40.62	5.59	40.60	5.71
42	41.67	5.24	41.66	5.36	41.64	5.48	41.62	5.60	41.61	5.72	41.59	5.85
43	42.66	5.36	42.65	5.49	42.63	5.61	42.62	5.74	42.60	5.86	42.58	5.98
44	43.66	5.49	43.64	5.62	43.62	5.74	43.61	5.87	43.59	6.00	43.57	6.12
45	44.65	5.61	44.63	5.74	44.62	5.87	44.60	6.00	44.58	6.13	44.56	6.27
46	45.64	5.74	45.62	5.87	45.61	6.00	45.59	6.14	45.57	6.27	45.55	6.40
47	46.63	5.86	46.62	6.00	46.60	6.13	46.58	6.27	46.56	6.41	46.54	6.54
48	47.63	5.99	47.61	6.13	47.59	6.27	47.57	6.40	47.55	6.54	47.53	6.68
49	48.62	6.11	48.60	6.25	48.58	6.40	48.56	6.54	48.54	6.68	48.52	6.82
50	49.61	6.24	49.59	6.38	49.57	6.53	49.55	6.67	49.53	6.81	49.51	6.96
51	50.60	6.36	50.58	6.51	50.56	6.66	50.54	6.80	50.52	6.95	50.50	7.10
52	51.59	6.49	51.57	6.64	51.56	6.79	51.53	6.94	51.52	7.09	51.49	7.24
53	52.59	6.61	52.57	6.77	52.55	6.92	52.53	7.07	52.51	7.22	52.48	7.38
54	53.58	6.74	53.56	6.89	53.54	7.05	53.52	7.20	53.50	7.36	53.47	7.52
55	54.57	6.86	54.55	7.02	54.53	7.18	54.51	7.34	54.49	7.50	54.46	7.65
56	55.56	6.99	55.54	7.15	55.52	7.31	55.50	7.47	55.48	7.63	55.46	7.79
57	56.56	7.11	56.53	7.28	56.51	7.44	56.49	7.60	56.47	7.77	56.45	7.93
58	57.55	7.24	57.53	7.40	57.50	7.57	57.48	7.74	57.46	7.90	57.44	8.07
59	58.54	7.36	58.52	7.53	58.50	7.70	58.47	7.87	58.45	8.04	58.43	8.21
60	59.53	7.49	59.51	7.66	59.49	7.83	59.46	8.00	59.44	8.18	59.42	8.35
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.52	7.61	60.50	7.79	60.48	7.96	60.45	8.14	60.43	8.31	60.41	8.49
62	61.52	7.73	61.49	7.91	61.47	8.09	61.45	8.27	61.42	8.45	61.40	8.63
63	62.51	7.86	62.48	8.04	62.46	8.22	62.44	8.41	62.41	8.59	62.39	8.77
64	63.50	7.98	63.48	8.17	63.45	8.35	63.43	8.54	63.40	8.72	63.38	8.91
65	64.49	8.11	64.47	8.30	64.44	8.48	64.42	8.67	64.39	8.86	64.37	9.05
66	65.48	8.23	65.46	8.42	65.44	8.61	65.41	8.81	65.38	9.00	65.36	9.19
67	66.48	8.36	66.45	8.55	66.43	8.75	66.40	8.94	66.38	9.13	66.35	9.32
68	67.47	8.48	67.44	8.68	67.42	8.88	67.39	9.07	67.37	9.27	67.34	9.46
69	68.46	8.61	68.44	8.81	68.41	9.01	68.38	9.21	68.36	9.40	68.33	9.60
70	69.45	8.73	69.43	8.93	69.40	9.14	69.38	9.34	69.35	9.54	69.32	9.74
71	70.45	8.86	70.42	9.06	70.39	9.27	70.37	9.47	70.34	9.68	70.31	9.88
72	71.44	8.99	71.41	9.19	71.38	9.40	71.36	9.61	71.33	9.81	71.30	10.02
73	72.43	9.11	72.40	9.32	72.38	9.53	72.35	9.74	72.32	9.95	72.29	10.16
74	73.42	9.24	73.39	9.44	73.37	9.66	73.34	9.87	73.31	10.09	73.28	10.30
75	74.41	9.36	74.39	9.57	74.36	9.79	74.33	10.01	74.30	10.22	74.27	10.44
76	75.41	9.49	75.38	9.70	75.35	9.92	75.32	10.14	75.29	10.36	75.26	10.58
77	76.40	9.61	76.37	9.83	76.34	10.05	76.31	10.27	76.28	10.49	76.25	10.72
78	77.39	9.74	77.36	9.95	77.33	10.18	77.30	10.41	77.27	10.63	77.24	10.86
79	78.38	9.86	78.35	10.08	78.32	10.31	78.29	10.54	78.26	10.77	78.23	10.99
80	79.38	9.98	79.35	10.21	79.32	10.44	79.28	10.67	79.25	10.90	79.22	11.13
81	80.37	10.11	80.34	10.34	80.31	10.57	80.28	10.81	80.25	11.04	80.21	11.27
82	81.36	10.23	81.33	10.46	81.30	10.70	81.27	10.94	81.24	11.18	81.20	11.41
83	82.35	10.35	82.32	10.59	82.29	10.83	82.26	11.07	82.23	11.31	82.19	11.55
84	83.34	10.48	83.31	10.72	83.28	10.96	83.25	11.21	83.22	11.45	83.18	11.69
85	84.34	10.60	84.30	10.85	84.27	11.09	84.24	11.34	84.21	11.58	84.17	11.83
86	85.33	10.73	85.30	10.98	85.26	11.23	85.23	11.47	85.20	11.72	85.16	11.97
87	86.32	10.85	86.29	11.10	86.26	11.36	86.22	11.61	86.19	11.86	86.15	12.11
88	87.31	10.98	87.28	11.23	87.25	11.49	87.21	11.74	87.18	11.99	87.14	12.25
89	88.31	11.10	88.27	11.36	88.24	11.62	88.20	11.87	88.17	12.13	88.13	12.39
90	89.30	11.23	89.26	11.49	89.23	11.75	89.20	12.01	89.16	12.27	89.12	12.53
91	90.29	11.35	90.26	11.62	90.22	11.88	90.19	12.14	90.15	12.40	90.11	12.66
92	91.28	11.48	91.25	11.74	91.21	12.01	91.18	12.27	91.14	12.54	91.10	12.80
93	92.27	11.60	92.24	11.87	92.20	12.14	92.17	12.41	92.13	12.68	92.09	12.94
94	93.27	11.73	93.23	12.00	93.20	12.27	93.16	12.54	93.12	12.81	93.09	13.08
95	94.26	11.85	94.22	12.13	94.19	12.40	94.15	12.67	94.11	12.95	94.08	13.22
96	95.25	11.98	95.21	12.25	95.18	12.53	95.14	12.81	95.11	13.08	95.07	13.36
97	96.24	12.10	96.21	12.38	96.17	12.66	96.13	12.94	96.10	13.22	96.06	13.50
98	97.24	12.23	97.20	12.51	97.16	12.79	97.12	13.08	97.09	13.36	97.05	13.64
99	98.23	12.35	98.19	12.64	98.15	12.92	98.11	13.21	98.08	13.49	98.04	13.78
100	99.22	12.48	99.18	12.76	99.14	13.05	99.11	13.34	99.07	13.63	99.03	13.92
01	100.21	12.60	100.17	12.89	100.14	13.18	100.10	13.48	100.06	13.77	100.02	14.06
02	101.20	12.73	101.16	13.02	101.13	13.31	101.09	13.61	101.05	13.91	101.01	14.20
03	102.20	12.85	102.16	13.14	102.12	13.44	102.08	13.74	102.04	14.04	102.00	14.33
04	103.19	12.98	103.15	13.27	103.11	13.57	103.07	13.88	103.03	14.18	102.99	14.47
05	104.18	13.10	104.14	13.40	104.10	13.70	104.06	14.01	104.02	14.31	103.98	14.61
06	105.17	13.23	105.13	13.53	105.09	13.84	105.05	14.14	105.01	14.45	104.97	14.75
07	106.17	13.35	106.12	13.66	106.08	13.97	[illegible]4	14.28	106.00	14.59	105.96	14.89
08	107.16	13.48	107.12	13.79	107.08	14.10	107.03	14.41	106.99	14.72	106.95	15.03
09	108.15	13.60	108.11	13.91	108.07	14.23	108.02	14.54	107.98	14.86	107.94	15.17
110	109.14	13.72	109.10	14.04	109.06	14.36	109.02	14.68	108.97	14.99	108.93	15.31
11	110.13	13.85	110.09	14.17	110.05	14.49	110.01	14.81	109.97	15.13	109.92	15.45
12	111.13	13.97	111.08	14.30	111.04	14.62	111.00	14.94	110.96	15.27	110.91	15.59
13	112.12	14.10	112.08	14.42	112.03	14.75	111.99	15.08	111.95	15.40	111.90	15.73
14	113.11	14.22	113.07	14.55	113.02	14.88	112.98	15.21	112.94	15.54	112.89	15.87
15	114.10	14.35	114.06	14.68	114.02	15.01	113.97	15.34	113.93	15.68	113.88	16.00
16	115.10	14.47	115.05	14.81	115.01	15.14	114.96	15.48	114.92	15.81	114.87	16.14
17	116.09	14.60	116.04	14.93	116.00	15.27	115.95	15.61	115.91	15.95	115.86	16.28
18	117.08	14.72	117.03	15.06	116.99	15.40	116.94	15.74	116.90	16.08	116.85	16.42
19	11[illegible]07	14.85	118.03	15.19	117.98	15.53	117.94	15.88	117.89	16.22	117.84	16.56
120	11[illegible]05	14.97	119.02	15.32	118.97	15.66	118.93	16.01	118.88	16.36	118.83	16.70
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	120.06	15.10	120.01	15.44	119.96	15.79	119.92	16.14	119.87	16.49	119.82	16.84
22	121.05	16.22	121.00	15.57	120.96	15.92	120.91	16.28	120.86	16.63	120.81	16.98
23	122.04	15.35	121.99	15.70	121.95	16.05	121.90	16.41	121.85	16.76	121.80	17.12
24	123.03	15.47	122.99	15.83	122.94	16.18	122.89	16.54	122.84	16.90	122.79	17.26
25	124.03	15.60	123.98	15.96	123.93	16.32	123.88	16.68	123.84	17.04	123.78	17.40
26	125.02	15.72	124.97	16.08	124.92	16.45	124.87	16.81	124.83	17.17	124.77	17.54
27	126.01	15.85	125.96	16.21	125.91	16.58	125.86	16.94	125.82	17.31	125.76	17.68
28	127.00	15.97	126.95	16.34	126.90	16.71	126.86	17.08	126.81	17.45	126.75	17.81
29	127.99	16.10	127.94	16,47	127.90	16.84	127.85	17.21	127.80	17.58	127.74	17.95
130	128.99	16.22	128.94	16,69	128,89	16,97	128.84	17.34	128.79	17,72	128.78	18.09
31	129,98	16.34	129,93	16,72	129.88	17,10	129.83	17.48	129.78	17.86	129.73	18.23
32	130.97	16.47	130.92	16.85	130.87	17,23	130.82	17.61	130.77	17.99	130.72	18,37
33	131.96	16.59	131.91	16,98	131.86	17,36	131.81	17.74	131.76	18.13	131,71	18,51
34	132.96	16.72	132.90	17.10	132.85	17.49	132.80	17.88	132.75	18.26	132.70	18.65
35	133.95	16.84	133.90	17.23	133.85	17,62	133.79	18.01	133.74	18.40	133.69	18.79
36	134.94	16,97	134,89	17.36	134.84	17.75	134.78	18.14	134.73	18.54	134.68	18.93
37	135.93	17.09	135,88	17,49	135.83	17.88	135.78	18.28	135.72	18.67	135.67	19.07
38	136.92	17,22	136.87	17.61	136.82	18.01	136.77	18.41	136.71	18.81	136.66	19.21
39	137.92	17.34	137,86	17.74	137.81	18.14	137.76	18,54	137,70	18.94	137,65	19.35
140	138,91	17,47	138.85	17,87	138.80	18,27	138.75	18,68	138.70	19.09	138.64	19.48
41	139.90	17.59	139.85	18.00	139.79	18,40	139.74	18,81	139.69	19,22	139.63	19.62
42	140.89	17,72	140.84	18,13	140.79	18.53	140,73	18,94	140.68	19.35	140.62	19.76
43	141.89	17.84	141.83	18,25	141.78	18.66	141.72	19.08	141.67	19.49	141.61	19.90
44	142.88	17.97	142,82	18,38	142.77	18.80	142.71	19,21	142,66	19.63	142.60	20.04
45	143.87	18.09	143.81	18.51	143.76	18.93	143.70	19,34	143.65	19.76	143.59	20.18
46	144.86	18.22	144.81	18.64	144.75	19.06	144.69	19.48	144.64	19,90	144.58	20.32
47	145.85	18.34	145.80	18,76	145.74	19,19	145.69	19.61	145.63	20.03	145.57	20.46
48	146.85	18.46	146.79	18.89	146.73	19.32	146.68	19.74	146.62	20.17	146.56	20.60
49	147.84	18.59	147.78	19.02	147.73	19,45	147.67	19.88	147.61	20.31	147.55	20.74
150	148.83	18.71	148.77	19.15	148,72	19.58	148,66	20.01	148.60	20.44	148,54	20.88
51	149.82	18.84	149,76	19,27	149,71	19.71	149.65	20,14	149.59	20.58	149.53	21.02
52	150.81	18.96	150.76	19.40	150.70	19.84	150,64	20.28	150.58	20.72	150.52	21.15
53	151.81	19.09	151.75	19.53	151.69	19.97	151.63	20.41	151.57	20.85	151.51	21.29
54	152.80	19.21	152.74	19.66	152.68	20.10	152.62	20.55	152.56	20.99	152.50	21.43
55	153.79	19.34	153.73	19.78	153.67	20.23	153.61	20.68	153.56	21.13	153.49	21.57
56	154.78	19.46	154.72	19.91	154.67	20.36	154.60	20.81	154.55	21.26	154.48	21.71
57	155.78	19.59	155.72	20.04	155.66	20.49	155.60	20.95	155.54	21.40	155.47	21.86
58	156.77	19.71	156.71	20.17	156.65	20.62	156.59	21.08	156.53	21.53	156.46	21.99
59	157.76	19.84	157.70	20.30	157.64	20.75	157.58	21.21	157.52	21.67	157.45	22.13
160	158.75	19.96	158.69	20.42	158.63	20.88	158.57	21.35	158.51	21.81	158.44	22.27
61	159.74	20.09	159.68	20.55	159.62	21.01	159.56	21.48	159.50	21.94	159.43	22.41
62	160.74	20.21	160.67	20.68	160.61	21.14	160.55	21.61	160.49	22.08	160.42	22.55
63	161.73	20.34	161.67	20.81	161.61	21.28	161.54	21.75	161.48	22.22	161.41	22.69
64	162.72	20.46	162.66	20.93	162.60	21.41	162.53	21.88	162.47	22.35	162.40	22.82
65	163.71	20.58	163.65	21.06	163.59	21.54	163.52	22.01	163.46	22.49	163.39	22.96
66	164.71	20.71	164.64	21.19	164.58	21.67	164.52	22.15	164.45	22.63	164.38	23.10
67	165.70	20.83	165.63	21.32	165.[illegible]	21.80	165.51	22.28	165.44	22.76	165.37	23.24
68	166.69	20.96	166.63	21.44	166.[illegible]	21.93	166.50	22.41	166.43	22.90	166.37	23.38
69	167,68	21.08	167.62	21.57	167.55	22.06	167.49	22.55	167.42	23.03	167.36	23.52
170	168.67	21.21	168.61	21.70	168.55	22.19	168.48	22.68	168.42	23.18	168.35	23.66
71	169.67	21.33	169.60	21.83	169.54	22.32	169,47	22.81	169.41	23.31	169.34	23.80
72	170.66	21.46	170.59	21.95	170.53	22,45	170.46	22.95	170.40	23,44	170.33	23.94
73	171.65	21.58	171.58	22.08	171.52	22.58	171.45	23.08	171.39	23.58	171.32	24.08
74	172.64	21.71	172.58	22.21	172,51	22,71	172.44	23.21	172.38	23.72	172.31	24.22
75	173.64	21.83	173.57	22.34	173.50	22.84	173.44	23.35	173.37	23.85	173.30	24.36
76	174.63	21.96	174.56	22.46	174.49	22.97	174.43	23.48	174.36	23.99	174.29	24.49
77	175.62	22.08	175.55	22.59	175.48	23.10	175.42	23.61	175.35	24.12	175.28	24.63
78	176.61	22.21	176.54	22.72	176.48	23.23	176.41	23.75	176.34	24.26	176.27	24.77
79	177.60	22.33	177.53	22.85	177.47	23.36	177.40	23.88	177.33	24.40	177.26	24.91
180	178.60	22.46	178.53	22.98	178.46	23.49	178.39	24.01	178.32	24.53	178.[illegible]	25.05
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	179.59	22.58	179.52	23.10	179.45	23.62	179.38	24.15	179.31	24.67	179.24	25.19
82	180.58	22.71	180.51	23.23	180.44	23.76	180.37	24.28	180.30	24.81	180.23	25.33
83	181.57	22.83	181.50	23.36	181.43	23.89	181.36	24.41	181.29	24.94	181.22	25.47
84	182.56	22.96	182.49	23.49	182.43	24.02	182.35	24.55	182.29	25.08	182.21	25.61
85	183.56	23.08	183.49	23.61	183.42	24.15	183.35	24.68	183.28	25.21	183.20	25.75
86	184.55	23.20	184.48	23.74	184.41	24.28	184.34	24.81	184.27	25.35	184.19	25.89
87	185.54	23.33	185.47	23.87	185.40	24.41	185.33	24.95	185.26	25.49	185.18	26.03
88	186.53	23.45	186.46	24.00	186.39	24.54	186.32	25.08	186.25	25.62	186.17	26.16
89	187.53	23.58	187.45	24.12	187.38	24.67	187.31	25.21	187.24	25.76	187.16	26.30
190	188.52	23.70	188.44	24.25	188.37	24.80	188.30	25.35	188.23	25.90	188.15	26.44
91	189.51	23.83	189.44	24.38	189.37	24.93	189.29	25.48	189.22	26.03	189.14	26.58
92	190.50	23.95	190.43	24.51	190.36	25.06	190.28	25.61	190.21	26.17	190.13	26.72
93	191.49	24.08	191.42	24.63	191.35	25.19	191.27	25.75	191.20	26.30	191.12	26.86
94	192.49	24.20	192.41	24.76	192.34	25.32	192.27	25.88	192.19	26.44	192.11	27.00
95	193.48	24.33	193.40	24.89	193.33	25.45	193.26	26.01	193.18	26.58	193.10	27.14
96	194.47	24.45	194.40	25.02	194.32	25.58	194.25	26.15	194.17	26.71	194.09	27.28
97	195.46	24.58	195.39	25.14	195.31	25.71	195.24	26.28	195.16	26.85	195.08	27.42
98	196.46	24.70	196.38	25.27	196.31	25.84	196.23	26.42	196.15	26.99	196.07	27.56
99	197.45	24.83	197.37	25.40	197.30	25.97	197.22	26.55	197.15	27.12	197.06	27.70
200	198.44	24.95	198.36	25.53	198.29	26.10	198.21	26.68	198.14	27.26	198.05	27.83
01	199.43	25.08	199.36	25.66	199.28	26.24	199.20	26.82	199.13	27.39	199.04	27.97
02	200.42	25.20	200.35	25.78	200.27	26.37	200.19	26.95	200.12	27.53	200.03	28.11
03	201.42	25.33	201.34	25.91	201.26	26.50	201.18	27.08	201.11	27.67	201.02	28.25
04	202.41	25.45	202.33	26.04	202.25	26.63	202.18	27.22	202.10	27.80	202.01	28.39
05	203.40	25.57	203.32	26.17	203.25	26.76	203.17	27.35	203.09	27.94	203.00	28.53
06	204.39	25.70	204.31	26.29	204.24	26.89	204.16	27.48	204.08	28.08	204.00	28.67
07	205.39	25.82	205.31	26.42	205.23	27.02	205.15	27.62	205.07	28.21	204.99	28.81
08	206.38	25.95	206.30	26.55	206.22	27.15	206.14	27.75	206.06	28.35	205.98	28.95
09	207 37	26.07	207.29	26.68	207.21	27.28	207.13	27.88	207.05	28.49	206.97	29.09
210	208.36	26.20	208.28	26.80	208.20	27.41	208.12	28.02	208.04	28.62	207.96	29.23
11	209.35	26.32	209.27	26.93	209.19	27.54	209.11	28.15	209.03	28.76	208.95	29.37
12	210.35	26.45	210.27	27.06	210.19	27.67	210.10	28.28	210.02	28.89	209.94	29.50
13	211.34	26.57	211.26	27.19	211.18	27.80	211.10	28.42	211.01	29.03	210.93	29.64
14	212.33	26.70	212.25	27.32	212.17	27.93	212.09	28.55	212.01	29.17	211.92	29.78
15	213.32	26.82	213.24	27.44	213.16	28.06	213.08	28.68	213.00	29.30	212.91	29.92
16	214.32	26.95	214.23	27.57	214.15	28.19	214.07	28.82	213.99	29.44	213.90	30.06
17	215.31	27.07	215.22	27.70	215.14	28.32	215.06	28.95	214.98	29.58	214.89	30.20
18	216.30	27.20	216.22	27.83	216.13	28.45	216.05	29.08	215.97	29.71	215.88	30.34
19	217.29	27.32	217.21	27.95	217.13	28.58	217.04	29.22	216.96	29.85	216.87	30.48
220	218.28	27.45	218.20	28.08	218.12	28.72	218.03	29.35	217.95	29.98	217.86	30.62
21	219.28	27.57	219.19	28.21	219.11	28.85	219.02	29.48	218.94	30.12	218.85	30.76
22	220.27	27.70	220.18	28.34	220.10	28.98	220.01	29.62	219.93	30.26	219.84	30.90
23	221.26	27.82	221.18	28.46	221.09	29.11	221.01	29.75	220.92	30.39	220.83	31.04
24	232.25	27.95	222.17	28.59	222.08	29.24	222.00	29.88	221.91	30.53	221.82	31.17
25	223.25	28.07	223.16	28.72	223.08	29.37	222.99	30.02	222.90	30.67	222.81	31.31
26	224.24	28.19	224.15	28.85	224.07	29.50	223.9[illegible]	30.15	223.89	30.80	223.80	31.45
27	225.23	28.32	225.14	28.97	225.06	29.63	224.9[illegible]	30.28	224.88	30.94	224.79	31.59
28	226.22	28.44	226.13	29.10	226.05	29.76	225.96	30.42	225.88	31.08	225.78	31.73
29	227.21	28.58	227.13	29.23	227.04	29.89	226.95	30.55	226.87	31.21	226.77	31.87
230	228.21	28.70	228.12	29.36	228.02	30.03	227.94	30.68	227.86	31.35	227.76	32.01
31	229.20	28.82	229.11	29.49	229.02	30.15	228.93	30.82	228.85	31.48	228.75	32.15
32	230.19	28.94	230.10	29.61	230.02	30.28	229.93	30.95	229.84	31.62	229.74	32.29
33	231.19	29.07	231.09	29.74	231.01	30.41	230.92	31.08	230.83	31.76	230.73	32.43
34	232.18	29.19	232.09	29.87	232.00	30.54	231.91	31.22	231.82	31.89	231.72	32.57
35	233.17	29.32	233.08	30.00	233.99	30.67	232.90	31.35	232.81	32.03	232.71	32.71
36	234.16	29.44	234.07	30.12	234.98	30.80	233.89	31.48	233.80	32.16	233.70	32.84
37	235.15	29.57	235.06	30.25	235.97	30.93	234.88	31.62	234.79	32.30	234.69	32.98
38	236.14	29.69	236.05	30.38	236.96	31.06	235.87	31.75	235.78	32.44	235.68	33.12
39	237.[illegible]	29.82	237.04	30.51	237.96	31.20	236.86	31.88	236.77	32.57	236.67	33.26
240	238.13	29.94	238.04	30.63	238.95	31.33	237.85	32.02	237.76	32.71	237.66	33.40

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	239.12	30.07	239.03	30.76	238.94	31.46	238.85	32.15	238.75	32.85	238.65	33.54
42	240.11	30.19	240.02	30.89	239.93	31.59	239.84	32.29	239.74	32.98	239.64	33.68
43	241.10	30.32	241.01	31.02	240.92	31.72	240.83	32.42	240.74	33.12	240.63	33.82
44	242.10	30.44	242.00	31.14	241.91	31.85	241.82	32.55	241.73	33.26	241.63	33.96
45	243.09	30.57	243.00	31.27	242.90	31.98	242.81	32.69	242.72	33.39	242.62	34.10
46	244.08	30.68	243.99	31.40	243.90	32.11	243.80	32.82	243.71	33.53	243.61	34.24
47	245.07	30.81	244.98	31.53	244.89	32.24	244.79	32.95	244.70	33.66	244.60	34.38
48	246.07	30.94	245.97	31.66	245.88	32.37	245.78	33.09	245.69	33.80	245.59	34.51
49	247.06	31.06	246.96	31.78	246.87	32.50	246.77	33.22	246.68	33.94	246.58	34.65
250	248.05	31.19	247.96	31.91	247.86	32.63	247.76	33.35	247.67	34.07	247.57	34.79
51	249.04	31.31	248.95	32.04	248.85	32.76	248.76	33.49	248.66	34.21	248.56	34.93
52	250.03	31.44	249.94	32.17	249.84	32.89	249.75	33.62	249.65	34.35	249.55	35.07
53	251.03	31.56	250.93	32.29	250.84	33.02	250.74	33.75	250.64	34.48	250.54	35.21
54	252.02	31.69	251.92	32.42	251.83	33.15	251.73	33.89	251.63	34.62	251.53	35.35
55	253.01	31.81	252.91	32.55	252.82	33.28	252.72	34.02	252.62	34.75	252.52	35.49
56	254.00	31.94	253.91	32.68	253.81	33.41	253.71	34.15	253.61	34.89	253.51	35.63
57	255.00	32.06	254.90	32.80	254.80	33.54	254.70	34.29	254.60	35.03	254.50	35.77
58	255.99	32.19	255.89	32.93	255.79	33.68	255.69	34.42	255.60	35.16	255.49	35.91
59	256.98	32.31	256.88	33.06	256.78	33.81	256.68	34.55	256.59	35.30	256.48	36.05
260	257.97	32.44	257.87	33.19	257.78	33.94	257.68	34.69	257.58	35.44	257.47	36.19
61	258.96	32.56	258.87	33.31	258.77	34.07	258.67	34.82	258.57	35.57	258.46	36.32
62	259.95	32.69	259.86	33.44	259.76	34.20	259.66	34.95	259.56	35.71	259.45	36.46
63	260.95	32.81	260.85	33.57	260.75	34.33	260.65	35.09	260.55	35.84	260.44	36.60
64	261.94	32.94	261.84	33.70	261.74	34.46	261.64	35.22	261.54	35.98	261.43	36.74
65	262.93	33.06	262.83	33.82	262.73	34.59	262.63	35.35	262.53	36.12	262.42	36.88
66	263.93	33.19	263.82	33.95	263.72	34.72	263.62	35.49	263.52	36.25	263.41	37.02
67	264.92	33.31	264.82	34.08	264.72	34.85	264.61	35.62	264.51	36.39	264.40	37.16
68	265.91	33.43	265.81	34.21	265.71	34.98	265.60	35.75	265.50	36.53	265.39	37.30
69	266.90	33.56	266.80	34.34	266.70	35.11	266.59	35.89	266.49	36.66	266.38	37.44
270	267.89	33.68	267.79	34.46	267.69	35.24	267.59	36.02	267.48	36.80	267.37	37.58
71	268.89	33.81	268.78	34.59	268.68	35.37	268.58	36.15	268.47	36.94	268.36	37.72
72	269.88	33.93	269.78	34.72	269.67	35.50	269.57	36.29	269.46	37.07	269.35	37.86
73	270.87	34.06	270.77	34.85	270.66	35.63	270.56	36.42	270.46	37.21	270.34	37.99
74	271.86	34.18	271.76	34.97	271.66	35.76	271.55	36.55	271.45	37.34	271.33	38.13
75	272.86	34.31	272.75	35.10	272.65	35.89	272.54	36.69	272.44	37.48	272.32	38.27
76	273.85	34.43	273.74	35.23	273.64	36.02	273.53	36.82	273.43	37.62	273.31	38.41
77	274.84	34.56	274.73	35.36	274.63	36.15	274.52	36.95	274.42	37.75	274.30	38.55
78	275.83	34.68	275.73	35.48	275.62	36.29	275.51	37.09	275.41	37.89	275.29	38.69
79	276.82	34.81	276.72	35.61	276.61	36.42	276.51	37.22	276.40	38.03	276.28	38.83
280	277.82	34.93	277.71	35.74	277.60	36.55	277.50	37.35	277.39	38.16	277.28	38.97
81	278.81	35.06	278.70	35.87	278.60	36.68	278.49	37.49	278.38	38.30	278.27	39.11
82	279.80	35.18	279.69	36.00	279.59	36.81	279.48	37.62	279.37	38.44	279.26	39.25
83	280.79	35.31	280.69	36.12	280.58	36.94	280.47	37.76	280.36	38.57	280.25	39.39
84	281.79	35.43	281.68	36.25	281.57	37.07	281.46	37.89	281.35	38.71	281.24	39.53
85	282.78	35.56	282.67	36.38	282.56	37.20	282.45	38.02	282.34	38.84	282.23	39.66
86	283.77	35.68	283.66	36.51	283.55	37.33	283.44	38.16	283.33	38.98	283.22	39.80
87	284.76	35.80	284.65	36.63	284.54	37.46	284.43	38.29	284.33	39.12	284.21	39.94
88	285.75	35.93	285.64	36.76	285.54	37.59	285.42	38.42	285.32	39.25	285.20	40.08
89	286.75	36.05	286.64	36.89	286.53	37.72	286.42	38.56	286.31	39.39	286.19	40.22
290	287.74	36.18	287.63	37.02	287.52	37.85	287.41	38.69	287.30	39.52	287.18	40.36
91	288.73	36.30	288.62	37.14	288.51	37.98	288.40	38.82	288.29	39.66	288.17	40.50
92	289.72	36.43	289.61	37.27	289.50	38.11	289.39	38.96	289.28	39.80	289.16	40.64
93	290.72	36.55	290.60	37.40	290.49	38.24	290.38	39.09	290.27	39.93	290.15	40.78
94	291.71	36.68	291.60	37.53	291.48	38.37	291.37	39.22	291.26	40.07	291.14	40.92
95	292.70	36.80	292.59	37.65	292.48	38.50	292.36	39.36	292.25	40.21	292.13	41.06
96	293.69	36.93	293.58	37.78	293.47	38.63	293.35	39.49	293.24	40.34	293.12	41.20
97	294.68	37.05	294.57	37.91	294.46	38.77	294.34	39.62	294.23	40.48	294.11	41.33
98	295.68	37.18	295.56	38.04	295.45	38.90	295.34	39.75	295.22	40.62	295.10	41.47
99	296.67	37.30	296.55	38.16	296.44	39.03	296.33	39.89	296.21	40.75	296.09	41.61
300	297.66	37.43	297.55	38.29	297.43	39.16	297.32	40.02	297.20	40.89	297.08	41.75

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.99	0.14	0.99	0.14	0.99	0.15	0.99	0.15	0.99	0.15	0.99	0.16
2	1.98	0.28	1.98	0.29	1.98	0.30	1.98	0.30	1.98	0.31	1.98	0.31
3	2.97	0.43	2.97	0.43	2.97	0.44	2.97	0.45	2.96	0.46	2.96	0.47
4	3.96	0.57	3.96	0.58	3.96	0.59	3.95	0.60	3.95	0.61	3.95	0.63
5	4.95	0.71	4.95	0.72	4.95	0.74	4.94	0.75	4.94	0.77	4.94	0.78
6	5.94	0.85	5.94	0.87	5.93	0.89	5.93	0.90	5.93	0.92	5.93	0.94
7	6.93	0.99	6.93	1.01	6.92	1.03	6.92	1.05	6.92	1.07	6.91	1.10
8	7.92	1.14	7.92	1.16	7.91	1.18	7.91	1.21	7.91	1.23	7.90	1.25
9	8.91	1.28	8.90	1.30	8.90	1.33	8.90	1.36	8.89	1.38	8.89	1.41
10	9.90	1.42	9.89	1.45	9.89	1.48	9.89	1.51	9.88	1.54	9.88	1.56
11	10.89	1.56	10.88	1.59	10.88	1.63	10.87	1.66	10.87	1.69	10.86	1.72
12	11.88	1.70	11.87	1.74	11.87	1.77	11.86	1.81	11.86	1.84	11.85	1.88
13	12.87	1.85	12.86	1.88	12.86	1.92	12.85	1.96	12.85	2.00	12.84	2.03
14	13.86	1.99	13.85	2.03	13.85	2.07	13.84	2.11	13.83	2.15	13.83	2.19
15	14.85	2.13	14.84	2.17	14.84	2.22	14.83	2.26	14.82	2.30	14.82	2.35
16	15.84	2.27	15.83	2.32	15.82	2.36	15.82	2.41	15.81	2.46	15.80	2.50
17	16.83	2.41	16.82	2.46	16.81	2.51	16.81	2.56	16.80	2.61	16.79	2.66
18	17.82	2.56	17.81	2.61	17.80	2.66	17.79	2.71	17.79	2.76	17.78	2.82
19	18.81	2.70	18.80	2.75	18.79	2.81	18.78	2.86	18.77	2.92	18.77	2.97
20	19.80	2.84	19.79	2.90	19.78	2.96	19.77	3.01	19.76	3.07	19.75	3.13
21	20.79	2.98	20.78	3.04	20.77	3.10	20.76	3.16	20.75	3.22	20.74	3.29
22	21.78	3.13	21.77	3.19	21.76	3.25	21.75	3.32	21.74	3.38	21.73	3.44
23	22.77	3.27	22.76	3.33	22.75	3.40	22.74	3.47	22.73	3.53	22.72	3.60
24	23.76	3.41	23.75	3.48	23.74	3.55	23.73	3.62	23.72	3.69	23.70	3.75
25	24.75	3.55	24.74	3.62	24.73	3.69	24.71	3.77	24.70	3.84	24.69	3.91
26	25.74	3.69	25.73	3.77	25.71	3.84	25.70	3.92	25.69	3.99	25.68	4.07
27	26.73	3.84	26.71	3.91	26.70	3.99	26.69	4.07	26.68	4.15	26.67	4.22
28	27.72	3.98	27.70	4.06	27.69	4.14	27.68	4.22	27.67	4.30	27.66	4.38
29	28.71	4.12	28.69	4.20	28.68	4.29	28.67	4.37	28.66	4.45	28.64	4.54
30	29.70	4.26	29.68	4.35	29.67	4.43	29.66	4.52	29.64	4.61	29.63	4.69
31	30.69	4.40	30.67	4.49	30.66	4.58	30.65	4.67	30.63	4.76	30.62	4.85
32	31.68	4.55	31.66	4.64	31.65	4.73	31.63	4.82	31.62	4.91	31.61	5.01
33	32.67	4.69	32.65	4.78	32.64	4.88	32.62	4.97	32.61	5.07	32.59	5.16
34	33.66	4.83	33.64	4.93	33.63	5.03	33.61	5.12	33.60	5.22	33.58	5.32
35	34.65	4.97	34.63	5.07	34.62	5.17	34.60	5.27	34.58	5.37	34.57	5.48
36	35.63	5.11	35.62	5.2	35.61	5.32	35.59	5.42	35.57	5.53	35.56	5.63
37	36.62	5.26	36.61	5.36	36.59	5.47	36.58	5.58	36.56	5.68	36.54	5.79
38	37.61	5.40	37.60	5.51	37.58	5.62	37.57	5.73	37.55	5.84	37.53	5.94
39	38.60	5.54	38.59	5.65	38.57	5.76	38.55	5.88	38.54	5.99	38.52	6.10
40	39.59	5.68	39.58	5.80	39.56	5.91	39.54	6.03	39.53	6.14	39.51	6.26
41	40.58	5.82	40.57	5.94	40.55	6.06	40.53	6.18	40.51	6.30	40.50	6.41
42	41.57	5.97	41.56	6.09	41.54	6.21	41.52	6.33	41.50	6.45	41.48	6.57
43	42.56	6.11	42.55	6.23	42.53	6.36	42.51	6.48	42.49	6.60	42.47	6.73
44	43.55	6.25	43.54	6.38	43.52	6.50	43.50	6.63	43.48	6.76	43.46	6.88
45	44.54	6.39	44.52	6.52	44.51	6.65	44.49	6.78	44.47	6.91	44.45	7.04
46	45.53	6.53	45.51	6.67	45.50	6.80	45.47	6.93	45.45	7.06	45.43	7.20
47	46.52	6.68	46.50	6.81	46.48	6.95	46.46	7.08	46.44	7.22	46.42	7.35
48	47.51	6.82	47.49	6.96	47.47	7.09	47.45	7.23	47.43	7.37	47.41	7.51
49	48.50	6.96	48.48	7.10	48.46	7.24	48.44	7.38	48.42	7.52	48.40	7.67
50	49.49	7.10	49.47	7.25	49.45	7.39	49.43	7.53	49.41	7.68	49.38	7.82
51	50.48	7.24	50.46	7.39	50.44	7.54	50.42	7.68	50.40	7.83	50.37	7.98
52	51.47	7.39	51.45	7.54	51.43	7.69	51.41	7.84	51.38	7.99	51.36	8.13
53	52.46	7.53	52.44	7.68	52.42	7.83	52.39	7.99	52.37	8.14	52.35	8.29
54	53.45	7.67	53.43	7.83	53.41	7.98	53.38	8.14	53.36	8.29	53.34	8.45
55	54.44	7.81	54.42	7.97	54.40	8.13	54.37	8.29	54.35	8.45	54.32	8.60
56	55.43	7.96	55.41	8.12	55.39	8.28	55.36	8.44	55.34	8.60	55.31	8.76
57	56.42	8.10	56.40	8.26	56.37	8.42	56.35	8.59	56.32	8.75	56.30	8.92
58	57.41	8.24	57.39	8.41	57.36	8.57	57.34	8.74	57.31	8.91	57.29	9.07
59	58.40	8.38	58.38	8.55	58.35	8.72	58.33	8.89	58.30	9.06	58.27	9.23
60	59.39	8.52	59.37	8.70	59.34	8.87	59.31	9.04	59.29	9.21	59.26	9.39

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10'	D.	L. 0'

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.38	8.67	60.36	8.84	60.33	9.02	60.30	9.19	60.28	9.37	60.25	9.54
62	61.37	8.81	61.35	8.99	61.32	9.16	61.29	9.34	61.26	9.52	61.24	9.70
63	62.36	8.95	62.33	9.13	62.31	9.31	62.28	9.49	62.25	9.67	62.22	9.86
64	63.35	9.09	63.32	9.28	63.30	9.46	63.27	9.64	63.24	9.83	63.21	10.01
65	64.34	9.23	64.31	9.42	64.29	9.61	64.26	9.79	64.23	9.98	64.20	10.17
66	65.33	9.38	65.30	9.57	65.28	9.76	65.25	9.95	65.22	10.14	65.19	10.32
67	66.32	9.52	66.29	9.71	66.26	9.90	66.23	10.10	66.21	10.29	66.18	10.48
68	67.31	9.66	67.28	9.86	67.25	10.05	67.22	10.25	67.19	10.44	67.16	10.64
69	68.30	9.80	68.27	10.00	68.24	10.20	68.21	10.40	68.18	10.60	68.15	10.79
70	69.29	9.94	69.26	10.15	69.23	10.35	69.20	10.55	69.17	10.75	69.14	10.95
71	70.28	10.09	70.25	10.29	70.22	10.49	70.19	10.70	70.16	10.90	70.13	11.11
72	71.27	10.23	71.24	10.44	71.21	10.64	71.18	10.85	71.15	11.06	71.11	11.26
73	72.26	10.37	72.23	10.58	72.20	10.79	72.17	11.00	72.13	11.21	72.10	11.42
74	73.25	10.51	73.22	10.72	73.19	10.94	73.15	11.15	73.12	11.36	73.09	11.58
75	74.24	10.65	74.21	10.87	74.18	11.09	74.14	11.30	74.11	11.52	74.08	11.73
76	75.23	10.80	75.20	11.01	75.17	11.23	75.13	11.45	75.10	11.67	75.06	11.89
77	76.22	10.94	76.19	11.16	76.15	11.38	76.12	11.60	76.09	11.82	76.05	12.05
78	77.21	11.08	77.18	11.30	77.14	11.53	77.11	11.75	77.07	11.98	77.04	12.20
79	78.20	11.22	78.17	11.45	78.13	11.68	78.10	11.90	78.06	12.13	78.03	12.36
80	79.19	11.36	79.16	11.59	79.12	11.82	79.09	12.05	79.05	12.28	79.02	12.52
81	80.18	11.51	80.14	11.74	80.11	11.97	80.07	12.21	80.04	12.44	80.00	12.67
82	81.17	11.65	81.13	11.88	81.10	12.12	81.06	12.36	81.03	12.59	80.99	12.83
83	82.16	11.79	82.12	12.03	82.09	12.27	82.05	12.51	82.02	12.75	81.98	12.98
84	83.15	11.93	83.11	12.17	83.08	12.42	83.04	12.66	83.00	12.90	82.97	13.14
85	84.14	12.07	84.10	12.32	84.07	12.56	84.03	12.81	83.99	13.05	83.95	13.30
86	85.13	12.22	85.09	12.46	85.06	12.71	85.02	12.96	84.98	13.21	84.94	13.45
87	86.12	12.36	86.08	12.61	86.05	12.86	86.01	13.11	85.97	13.36	85.93	13.61
88	87.11	12.50	87.07	12.75	87.03	13.01	86.99	13.26	86.96	13.51	86.92	13.77
89	88.10	12.64	88.06	12.90	88.02	13.16	87.98	13.41	87.94	13.67	87.90	13.92
90	89.09	12.78	89.05	13.04	89.01	13.30	88.97	13.56	88.93	13.82	88.89	14.08
91	90.08	12.93	90.04	13.19	90.00	13.45	89.96	13.71	89.92	13.97	89.88	14.24
92	91.07	13.07	91.03	13.33	90.99	13.60	90.95	13.86	90.91	14.13	90.87	14.39
93	92.06	13.21	92.02	13.48	91.98	13.75	91.94	14.01	91.90	14.28	91.86	14.55
94	93.05	13.35	93.01	13.62	92.97	13.89	92.93	14.16	92.89	14.43	92.84	14.70
95	94.04	13.50	94.00	13.77	93.96	14.04	93.92	14.32	93.87	14.59	93.83	14.86
96	95.03	13.64	94.99	13.91	94.95	14.19	94.90	14.47	94.86	14.74	94.82	15.02
97	96.02	13.78	95.98	14.06	95.94	14.34	95.89	14.62	95.85	14.90	95.81	15.17
98	97.01	13.92	96.97	14.20	96.92	14.49	96.88	14.77	96.84	15.05	96.79	15.33
99	98.00	14.06	97.95	14.35	97.91	14.63	97.87	14.92	97.83	15.20	97.78	15.49
100	98.99	14.21	98.94	14.49	98.90	14.78	98.86	15.07	98.81	15.36	98.77	15.64
01	99.98	14.35	99.93	14.64	99.89	14.93	99.85	15.22	99.80	15.51	99.76	15.80
02	100.97	14.49	100.92	14.78	100.88	15.08	100.84	15.37	100.79	15.66	100.74	15.96
03	101.96	14.63	101.91	14.93	101.87	15.22	101.82	15.52	101.78	15.82	101.73	16.11
04	102.95	14.77	102.90	15.07	102.86	15.37	102.81	15.67	102.77	15.97	102.72	16.27
05	103.94	14.92	103.89	15.22	103.85	15.52	103.80	15.82	103.75	16.12	103.71	16.43
06	104.93	15.06	104.88	15.36	104.84	15.67	104.79	15.97	104.74	16.28	104.69	16.58
07	105.91	15.20	105.87	15.51	105.83	15.82	105.78	16.12	105.73	16.43	105.68	16.74
08	106.90	15.34	106.86	15.65	106.81	15.96	106.77	16.27	106.72	16.58	106.67	16.89
09	107.89	15.48	107.85	15.80	107.80	16.11	107.76	16.42	107.71	16.74	107.66	17.05
110	108.88	15.63	108.84	15.94	108.79	16.26	108.74	16.58	108.70	16.89	108.65	17.21
11	109.87	15.77	109.83	16.09	109.78	16.41	109.73	16.73	109.68	17.05	109.63	17.36
12	110.86	15.91	110.82	16.23	110.77	16.55	110.72	16.88	110.67	17.20	110.62	17.52
13	111.85	16.05	111.81	16.38	111.76	16.70	111.71	17.03	111.66	17.35	111.61	17.68
14	112.84	16.19	112.80	16.52	112.75	16.85	112.70	17.18	112.65	17.51	112.60	17.83
15	113.83	16.34	113.79	16.67	113.74	17.00	113.69	17.33	113.64	17.66	113.58	17.99
16	114.82	16.48	114.78	16.81	114.73	17.15	114.68	17.48	114.62	17.81	114.57	18.15
17	115.81	16.62	115.76	16.96	115.72	17.29	115.66	17.63	115.61	17.97	115.56	18.30
18	116.80	16.76	116.75	17.10	116.70	17.44	116.65	17.78	116.60	18.12	116.55	18.46
19	117.79	16.90	117.74	17.25	117.69	17.59	117.64	17.93	117.59	18.27	117.53	18.62
120	118.78	17.05	118.73	17.39	118.68	17.74	118.63	18.08	118.58	18.43	118.52	18.77

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	119.77	17.19	119.72	17.54	119.67	17.89	119.62	18.23	119.56	18.58	119.51	18.93
22	120.76	17.33	120.71	17.68	120.66	18.03	120.61	18.38	120.55	18.73	120.50	19.08
23	121.75	17.47	121.70	17.83	121.65	18.18	121.60	18.53	121.54	18.89	121.49	19.24
24	122.74	17.61	122.69	17.97	122.64	18.33	122.58	18.68	122.53	19.04	122.47	19.40
25	123.73	17.76	123.68	18.12	123.63	18.48	123.57	18.84	123.52	19.20	123.46	19.55
26	124.72	17.90	124.67	18.26	124.62	18.62	124.56	18.99	124.51	19.35	124.45	19.71
27	125.71	18.04	125.66	18.41	125.61	18.77	125.55	19.14	125.49	19.50	125.44	19.87
28	126.70	18.18	126.65	18.55	126.59	18.92	126.54	19.29	126.48	19.66	126.42	20.02
29	127.69	18.32	127.64	18.70	127.58	19.07	127.53	19.44	127.47	19.81	127.41	20.18
130	128.68	18.47	128.63	18.84	128.57	19.22	128.52	19.59	128.46	19.96	128.40	20.34
31	129.67	18.61	129.62	18.99	129.56	19.36	129.50	19.74	129.45	20.12	129.39	20.49
32	130.66	18.75	130.61	19.13	130.55	19.51	130.49	19.89	130.43	20.27	130.37	20.65
33	131.65	18.89	131.60	19.27	131.54	19.66	131.48	20.04	131.42	20.42	131.36	20.81
34	132.64	19.04	132.58	19.42	132.53	19.81	132.47	20.19	132.41	20.58	132.35	20.96
35	133.63	19.18	133.57	19.57	133.52	19.95	133.46	20.34	133.40	20.73	133.34	21.12
36	134.62	19.32	134.56	19.71	134.51	20.10	134.45	20.49	134.39	20.88	134.33	21.28
37	135.61	19.46	135.55	19.86	135.50	20.25	135.44	20.64	135.38	21.04	135.31	21.43
38	136.60	19.60	136.54	20.00	136.48	20.40	136.42	20.79	136.36	21.19	136.30	21.59
39	137.59	19.75	137.53	20.15	137.47	20.55	137.41	20.95	137.35	21.34	137.29	21.74
140	138.58	19.89	138.52	20.29	138.46	20.69	138.40	21.10	138.34	21.50	138.28	21.90
41	139.57	20.03	139.51	20.44	139.45	20.84	139.39	21.25	139.33	21.65	139.26	22.06
42	140.56	20.17	140.50	20.58	140.44	20.99	140.38	21.40	140.32	21.80	140.25	22.21
43	141.55	20.31	141.49	20.73	141.43	21.14	141.37	21.55	141.30	21.96	141.24	22.37
44	142.54	20.46	142.48	20.87	142.42	21.28	142.36	21.70	142.29	22.11	142.23	22.53
45	143.53	20.60	143.47	21.02	143.41	21.43	143.34	21.85	143.28	22.26	143.21	22.68
46	144.52	20.74	144.46	21.16	144.40	21.58	144.33	22.00	144.27	22.42	144.20	22.84
47	145.51	20.88	145.45	21.30	145.39	21.73	145.32	22.15	145.26	22.57	145.19	23.00
48	146.50	21.02	146.44	21.45	146.37	21.88	146.31	22.30	146.24	22.73	146.18	23.15
49	147.49	21.17	147.43	21.59	147.36	22.02	147.30	22.45	147.23	22.88	147.17	23.31
150	148.48	21.31	148.42	21.74	148.35	22.17	148.29	22.60	148.22	23.03	148.15	23.47
51	149.47	21.45	149.41	21.88	149.34	22.32	149.28	22.75	149.21	23.19	149.14	23.62
52	150.46	21.59	150.39	22.03	150.33	22.47	150.26	22.90	150.20	23.34	150.13	23.78
53	151.75	21.73	151.38	22.17	151.32	22.61	151.25	23.05	151.19	23.49	151.12	23.93
54	152.44	21.88	152.37	22.32	152.31	22.76	152.24	23.21	152.17	23.65	152.10	24.09
55	153.43	22.02	153.36	22.46	153.30	22.91	153.23	23.36	153.16	23.80	153.09	24.25
56	154.42	22.16	154.35	22.61	154.29	23.06	154.22	23.51	154.15	23.95	154.08	24.40
57	155.41	22.30	155.34	22.75	155.28	23.21	155.21	23.66	155.14	24.11	155.07	24.56
58	156.40	22.44	156.33	22.90	156.27	23.35	156.20	23.81	156.13	24.26	156.05	24.72
59	157.39	22.59	157.32	23.04	157.25	23.50	157.18	23.96	157.11	24.41	157.04	24.87
160	158.38	22.73	158.31	23.19	158.24	23.65	158.17	24.11	158.10	24.57	158.03	25.03
61	159.37	22.87	159.30	23.33	159.23	23.80	159.16	24.26	159.09	24.72	159.02	25.19
62	160.36	23.01	160.29	23.48	160.22	23.95	160.15	24.41	160.08	24.87	160.01	25.34
63	161.35	23.15	161.28	23.62	161.21	24.09	161.14	24.56	161.07	25.03	160.99	25.50
64	162.34	23.30	162.2	23.77	162.20	24.24	162.13	24.71	162.05	25.18	161.98	25.66
65	163.33	23.44	163.26	23.91	163.19	24.39	163.12	24.86	163.04	25.34	162.97	25.81
66	164.32	23.58	164.25	24.06	164.18	24.54	164.10	25.01	164.03	25.49	163.96	25.97
67	165.31	23.72	165.24	24.20	165.17	24.68	165.09	25.16	165.02	25.64	164.94	26.12
68	166.30	23.86	166.23	24.35	166.16	24.83	166.08	25.32	166.01	25.80	165.93	26.28
69	167.29	24.01	167.22	24.49	167.14	24.98	167.07	25.47	167.00	25.95	166.92	26.44
170	168.28	24.15	168.20	24.64	168.13	25.13	168.06	25.62	167.98	26.10	167.91	26.59
71	169.27	24.29	169.19	24.78	169.12	25.28	169.05	25.77	168.97	26.26	168.89	26.75
72	170.26	24.43	170.18	24.93	170.11	25.42	170.04	25.92	169.96	26.41	169.88	26.91
73	171.25	24.58	171.17	25.07	171.10	25.57	171.02	26.07	170.95	26.56	170.87	27.06
74	172.24	24.72	172.16	25.22	172.09	25.72	172.01	26.22	171.94	26.72	171.86	27.22
75	173.23	24.86	173.15	25.36	173.08	25.87	173.00	26.37	172.92	26.87	172.85	27.38
76	174.22	25.00	174.14	25.51	174.07	26.01	173.99	26.52	173.91	27.02	173.83	27.53
77	175.21	25.14	175.13	25.65	175.06	26.16	174.98	26.67	174.90	27.18	174.92	27.69
78	176.19	25.29	176.12	25.80	176.05	26.31	175.97	26.82	175.89	27.33	175.81	27.85
79	177.18	25.43	177.11	25.94	177.03	26.46	176.96	26.97	176.88	27.49	176.80	28.00
180	178.17	25.57	178.10	26.09	178.02	26.61	177.94	27.12	177.87	27.64	177.78	28.16

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Div.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	179.16	25.71	179.09	26.28	179.01	26.75	178.93	27.27	178.8	27.79	178.77	28.32
82	180.15	25.85	180.08	26.38	180.00	26.90	179.92	27.42	179.84	27.95	179.76	28.47
83	181.14	26.00	181.07	26.52	180.99	27.05	180.91	27.58	180.83	28.10	180.75	28.63
84	182.13	26.14	182.06	26.67	181.98	27.20	181.90	27.73	181.82	28.25	181.73	28.78
85	183.12	26.28	183.05	26.81	182.97	27.34	182.89	27.88	182.81	28.41	182.72	28.94
86	184.11	26.42	184.04	26.96	183.96	27.49	183.88	28.03	183.79	28.56	183.71	29.10
87	185.10	26.56	185.03	27.10	184.95	27.64	184.86	28.18	184.78	28.71	184.70	29.25
88	186.09	26.71	186.01	27.25	185.94	27.79	185.85	28.33	185.77	28.87	185.68	29.41
89	187.08	26.85	187.00	27.39	186.92	27.94	186.84	28.48	186.76	29.02	186.67	29.57
190	188.07	26.99	187.99	27.54	187.91	28.08	187.83	28.63	187.75	29.18	187.66	29.72
91	189.06	27.13	188.98	27.68	188.90	28.23	188.82	28.78	188.73	29.33	188.65	29.88
92	190.05	27.27	189.97	27.83	189.89	28.38	189.81	28.93	189.72	29.48	189.64	30.04
93	191.04	27.42	190.96	27.97	190.88	28.53	190.80	29.08	190.71	29.64	190.62	30.19
94	192.03	27.56	1 1.95	28.12	191.87	28.68	191.78	29.23	191.70	29.79	191.61	30.35
95	198.02	27.70	192.94	28.26	192.86	28.82	192.77	29.38	192.69	29.94	192.60	30.51
96	194.01	27.84	193.93	28.41	193.85	28.97	193.76	29.53	193.68	30.10	193.59	30.66
97	195.00	27.98	194.92	28.55	194.84	29.12	194.75	29.69	194.66	30.25	194.57	30.82
98	195.99	28.13	195.91	28.70	195.83	29.27	195.74	29.84	195.65	30.40	195.56	30.97
99	196.98	28.27	196.90	28.84	196.81	29.42	196.73	29.99	196.64	30.56	196.55	31.13
200	197.97	28.41	197.89	28.99	197.80	29.56	197.72	30.14	197.63	30.71	197.54	31.29
01	198.96	28.55	198.88	29.13	198.79	29.71	198.70	30.29	198.62	30.86	198.53	31.44
02	199.95	28.69	199.87	29.28	199.78	29.86	199.69	30.44	199.60	31.02	199.51	31.60
03	200.94	28.84	200.86	29.42	200.77	30.01	200.68	30.59	200.59	31.17	200.50	31.76
04	201.93	28.98	201.85	29.57	201.76	30.15	201.67	30.74	201.58	31.33	201.49	31.91
05	202.92	29.12	20 .84	29.71	202.75	30.30	202.66	30.89	202.57	31.48	202.48	32.07
06	203.91	29.26	203.82	29.86	203.74	30.45	203.65	31.04	203.56	31.63	203.46	32.23
07	204.90	29.40	204.81	30.00	204.78	30.60	204.64	31.19	204.55	31.79	204.45	32.38
08	205.89	29.55	205.80	30.15	205.7	30.74	205.62	31.34	205.53	31.94	205.44	32.54
09	206.88	29.69	06.79	30.29	206.70	30.89	206.61	31.49	206.52	32.09	206.43	32.69
210	207.87	29.83	207.78	30.44	207.69	31.04	207.60	31.64	207.51	32.25	207.41	32.85
11	208.86	29.97	208.77	30.58	208.68	31.19	208.59	31.79	208.50	32.40	208.40	33.01
12	209.85	30.12	209.76	30.73	209.67	31.34	209.58	31.95	209.49	32.55	209.39	33.16
13	210.84	30.26	210.75	30.87	210.66	31.48	210.57	32.10	210.47	32.71	210.38	33.32
14	211.83	30.40	211.74	31.02	211.65	31.63	211.56	32.25	211.46	32.86	211.37	33.48
15	212.82	30.54	212.7	1.16	212.64	31.78	212.54	32.40	212.45	33.01	212.35	33.63
16	213.81	30.68	213.72	31.31	213.63	31.93	213.53	32.55	213.44	33.17	213.34	33.79
17	214.80	30.83	214.71	31.45	214.62	32.07	214.52	32.70	214.43	33.32	214.33	33.95
18	215.79	30.97	215.70	31.60	215.61	32.22	215.51	32.85	215.41	33.47	215.32	34.10
19	216.78	31.11	216.69	31.74	216.60	32.37	216.50	33.00	216.40	33.63	216.30	34.26
220	217.77	31.25	217.68	31.88	217.58	32.52	217.49	33.15	217.39	33.78	217.29	34.42
21	218.76	31.39	218.67	32.03	218.57	32.67	218.48	33.30	218.38	33.94	218.28	34.57
22	219.75	31.54	219.66	32.17	219.56	32.81	219.46	33.45	219.37	34.09	219.27	34.73
23	220.74	31.68	220.65	32.32	220.55	32.96	220.45	33.60	220.36	34.24	220.25	34.88
24	221.73	31.82	221.63	32.46	221.54	33.11	221.44	33.75	221.34	34.40	221.24	35.04
25	222.72	31.96	222.62	32.61	222.53	33.26	222.43	33.90	222.33	34.55	222.22	35.20
26	223.71	32.10	223.61	32.75	223.52	33.41	223.42	34.05	223.32	34.70	223.22	35.35
27	224.70	32.25	224.60	32.90	224.51	33.55	224.41	34.21	224.31	34.86	224.21	35.51
28	225.69	32.39	225.59	33.04	225.50	33.70	225.40	34.36	225.30	35.01	225.19	35.67
29	226.68	32.53	226.58	33.19	226.49	33.85	226.38	34.51	226.28	35.16	226.18	35.82
230	227.67	32.67	227.57	33.33	227.47	34.00	227.37	34.66	227.27	35.32	227.17	35.98
31	228.66	32.81	228.56	33.48	228.46	34.14	228.36	34.81	228.26	35.47	228.16	36.14
32	229.65	32.96	229.55	33.62	229.45	34.29	229.35	34.96	229.25	35.62	229.14	36.29
33	230.64	33.10	230.54	33.77	230.44	34.44	230.34	35.11	230.24	35.78	230.13	36.45
34	231.63	33.24	231.53	33.91	231.43	34.59	231.33	35.26	231.22	35.93	231.12	36.61
35	232.62	33.38	232.52	34.06	232.42	34.74	232.32	35.41	232.21	36.09	232.11	36.76
36	233.61	33.52	233.51	34.20	233.41	34.88	233.30	35.56	233.20	36.24	233.09	36.92
37	234.60	33.67	234.50	34.35	234.40	35.03	234.29	35.71	234.19	36.39	234.08	37.07
38	235.59	33.81	235.45	34.49	235.39	35.18	235.28	35.86	235.18	36.55	235.07	37.23
39	236.58	33.95	236.48	34.64	236.38	35.33	236.27	36.01	236.17	36.70	236.06	37.39
240	237.57	34.09	237.47	34.78	237.36	35.47	237.26	36.1	237.15	36.85	237.05	37.54
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

°	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	238.36	34.23	238.46	34.98	238.35	35.62	238.25	36.32	238.14	37.01	238.03	37.7
42	239.35	34.38	239.44	35.07	239.34	35.77	239.24	36.47	239.13	37.16	239.02	37.8
43	240.34	34.52	240.43	35.22	240.33	35.92	240.22	36.62	240.12	37.31	240.01	38.01
44	241.33	34.66	241.42	35.36	241.32	36.07	241.21	36.77	241.11	37.47	241.00	38.1
45	242.32	34.80	242.41	35.51	242.31	36.21	242.20	36.92	242.09	37.62	241.98	38.3
46	243.31	34.94	243.40	35.65	243.30	36.36	243.19	37.07	243.08	37.77	242.97	38.4
47	244.30	35.09	244.39	35.80	244.29	36.51	244.18	37.22	244.07	37.93	243.95	38.6
48	245.29	35.23	245.38	35.94	245.28	36.66	245.17	37.37	245.06	38.08	244.95	38.8
49	246.27	35.37	246.37	36.09	246.27	36.80	246.16	37.52	246.05	38.23	245.93	38.9
250	247.26	35.51	247.36	36.23	247.25	36.95	247.14	37.67	247.04	38.39	246.92	39.1
51	248.25	35.66	248.35	36.38	248.24	37.10	248.13	37.82	248.02	38.54	247.91	39.2
52	249.24	35.80	249.34	36.52	249.23	37.25	249.12	37.97	249.01	38.69	248.90	39.4
53	250.23	35.94	250.33	36.67	250.22	37.40	250.11	38.12	250.00	38.85	249.89	39.5
54	25 .22	36.08	251.32	36.81	251.21	37.54	251.10	38.27	250.99	39.00	250.87	39.7
55	252.41	36.22	252.31	36.96	252.20	37.69	252.09	38.42	251.98	39.16	251.86	39.9
56	253.40	36.37	253.30	37.10	253.19	37.84	253.08	38.58	252.96	39.31	252.85	40.0
57	254.39	36.51	254.29	37.25	254.18	37.99	254.06	38.73	253.95	39.47	253.84	40.2
58	255.38	36.65	255.28	37.39	255.17	38.13	255.05	38.88	254.94	39.62	254.82	40.3
59	256.37	36.79	256.27	37.54	256.16	38.28	256.04	39.03	255.93	39.77	255.81	40.5
260	257.36	36.93	257.25	37.68	257.14	38.43	257.03	39.19	256.92	39.93	256.80	40.6
61	258.35	37.08	258.24	37.83	258.13	38.58	258.02	39.33	257.90	40.08	257.79	40.8
62	259.34	37.22	259.23	37.97	259.12	38.73	259.01	39.48	258.89	40.23	258.77	40.9
63	260.33	37.36	260.22	38.12	260.11	38.87	260.00	39.63	259.88	40.39	259.76	41.1
64	261.32	37.50	261.21	38.26	261.10	39.02	260.99	39.78	260.87	40.54	260.76	41.3
65	262.31	37.64	262.20	38.41	262.09	39.17	261.97	39.93	261.86	40.69	261.74	41.4
66	263.30	37.79	263.19	38.55	263.08	39.3	262.96	40.08	262.85	40.85	262.73	41.6
67	264.29	37.93	264.18	38.70	264.07	39.47	263.95	40.23	263.83	41.00	263.70	41.7
68	265.28	38.07	265.17	38.84	265.06	39.61	264.94	40.38	264.82	41.15	264.70	41.9
69	266.27	38.21	266.16	38.99	266.05	39.76	265.93	40.53	265.81	41.31	265.69	42.0
270	267.26	38.35	267.15	39.13	267.03	39.91	266.92	40.69	266.80	41.46	266.68	42.2
71	268.25	38.50	268.14	39.28	268.02	40.06	267.91	40.84	267.79	41.61	267.66	42.3
72	269.24	38.64	269.13	39.42	269.01	40.20	268.89	40.99	268.77	41.77	268.65	42.5
73	270.23	38.78	270.12	39.57	270.00	40.36	269.88	41.14	269.76	41.92	269.64	42.7
74	271.22	38.92	271.11	39.71	270.99	40.50	270.87	41.29	270.75	42.08	270.63	42.8
75	272.21	39.06	272.10	39.86	271.98	40.65	271.86	41.44	271.74	42.23	271.61	43.0
76	273.20	39.21	273.09	40.00	272.97	40.80	272.85	41.59	272.73	42.39	272.60	43.1
77	274.19	39.35	274.08	40.15	273.96	40.94	273.84	41.74	273.71	42.54	273.59	43.3
78	275.18	39.49	275.06	40.29	274.95	41.09	274.83	41.89	274.70	42.69	274.58	43.4
79	276.17	39.63	276.05	40.44	275.94	41.24	275.81	42.04	275.69	42.85	275.57	43.6
280	277.16	39.77	277.04	40.58	276.93	41.39	276.80	42.19	276.68	43.00	276.55	43.8
81	278.15	39.92	278.03	40.73	277.91	41.53	277.79	42.34	277.67	43.15	277.54	43.9
82	279.14	40.06	279.02	40.87	278.90	41.68	278.78	42.49	278.66	43.31	278.53	44.1
83	280.13	40.20	280.01	41.02	279.89	41.83	279.77	42.64	279.64	43.46	279.52	44.2
84	281.12	40.34	281.00	41.16	280.88	41.98	280.76	42.79	280.63	43.61	280.50	44.4
85	282.11	40.48	281.99	41.31	281.87	42.13	281.75	42.96	281.62	43.77	281.49	44.5
86	283.10	40.63	282.98	41.45	282.86	42.27	282.73	43.10	282.61	43.92	282.48	44.7
87	284.09	40.77	283.97	41.60	283.85	42.42	283.72	43.25	283.60	44.07	283.47	44.9
88	285.08	40.91	284.96	41.74	284.84	42.57	284.71	43.40	284.58	44.23	284.45	45.0
89	286.07	41.05	285.95	41.89	285.83	42.72	285.70	43.56	285.57	44.38	285.44	45.2
290	287.06	41.20	286.94	42.03	286.82	42.86	286.69	43.70	286.56	44.53	286.43	45.3
91	288.05	41.34	287.93	42.18	287.80	43.01	287.68	43.85	287.55	44.68	287.42	45.5
92	289.04	41.48	288.92	42.32	288.79	43.16	288.67	44.00	288.54	44.84	288.40	45.6
93	290.03	41.62	289.91	42.46	289.78	43.31	289.66	44.15	289.53	44.99	289.39	45.8
94	291.02	41.76	290.90	42.61	290.77	43.46	290.64	44.30	290.51	45.15	290.38	45.9
95	292.01	41.91	291.89	42.75	291.76	43.60	291.63	44.46	291.50	45.30	291.37	46.1
96	293.00	42.05	292.87	42.90	292.75	43.75	292.62	44.60	292.49	45.46	292.35	46.3
97	293.99	42.19	293.86	43.04	293.74	43.90	293.61	44.76	293.48	45.61	293.34	46.4
98	294.98	42.38	294.85	43.19	294.73	44.05	294.60	44.90	294.47	45.76	294.33	46.6
99	295.97	42.47	295.84	43.38	295.72	44.20	295.59	45.06	295.46	45.91	295.32	46.7
300	296.96	42.62	296.83	43.48	296.70	44.34	296.57	45.21	296.44	46.07	296.30	46.9
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.99	0.16	0.99	0.16	0.99	0.17	0.99	0.17	0.99	0.17	0.99	0.17
2	1.97	0.32	1.97	0.32	1.97	0.33	1.97	0.34	1.97	0.34	1.97	0.35
3	2.96	0.48	2.96	0.49	2.96	0.50	2.96	0.50	2.96	0.51	2.95	0.52
4	3.95	0.64	3.95	0.65	3.95	0.66	3.94	0.67	3.94	0.68	3.94	0.70
5	4.94	0.80	4.93	0.81	4.93	0.83	4.93	0.84	4.93	0.85	4.92	0.87
6	5.92	0.97	5.92	0.97	5.92	0.99	5.91	1.01	5.91	1.02	5.91	1.04
7	6.91	1.12	6.91	1,14	6.90	1.16	6.90	1.18	6.90	1.20	6.89	1.22
8	7.90	1.27	7.89	1.30	7.89	1.32	7.89	1.34	7.88	1.37	7.88	1.39
9	8.89	1.43	8.88	1.46	8.88	1.49	8.87	1.51	8.87	1.54	8.86	1.56
10	9.87	1.59	9.87	1.62	9.86	1.65	9.86	1.68	9.85	1.71	9.85	1.74
11	10.86	1.75	10.85	1.78	10.85	1.82	10.84	1.85	10.84	1.88	10.83	1.91
12	11.85	1.91	11.84	1.95	11.84	1.98	11.83	2.02	11.82	2.05	11.82	2.08
13	12.83	2.07	12.83	2.11	12.82	2.15	12.82	2.18	12.81	2.22	12.80	2.26
14	13.82	2.23	13.81	2.27	13.81	2.31	13.80	2.35	13.79	2.39	13.79	2.43
15	14.81	2.39	14.80	2.43	14.79	2.48	14.79	2.52	14.78	2.56	14.77	2.60
16	15.80	2.55	15.79	2.59	15.78	2.64	15.77	2.69	15.77	2.73	15.76	2.78
17	16.78	2.71	16.77	2.76	16.77	2.81	16.76	2.85	16.75	2.90	16.74	2.95
18	17.77	2.87	17.76	2.92	17.75	2.97	17.74	3.02	17.74	3.07	17.73	3.13
19	18.76	3.03	18.75	3.08	18.74	3.14	18.73	3.19	18.72	3.24	18.71	3.30
20	19.74	3.19	19.74	3.24	19.73	3.30	19.72	3.36	19.71	3.42	19.70	3.47
21	20.73	3.35	20.72	3.41	20.71	3.47	20.70	3.53	20.69	3.59	20,68	3.65
22	21.72	3.50	21.71	3.57	21.70	3.63	21.69	3.69	21.68	3.76	21.67	3.82
23	22.71	3.66	22.70	3.73	22.68	3.80	22.67	3.86	22.66	3.93	22.65	3.99
24	23.69	3.82	23.68	3.89	23.67	3.96	23.66	4.03	23.65	4.10	23.64	4.17
25	24.68	3.98	24.67	4.05	24.66	4.13	24.65	4.20	24.63	4.27	24.62	4.34
26	25.67	4.14	25.66	4.22	25.64	4.29	25.63	4.37	25.61	4.44	25.60	4.51
27	26.66	4.30	26.64	4.38	26.63	4.46	26.62	4.53	26.60	4.61	26.59	4.69
28	27.64	4.46	27.63	4.54	27.62	4.62	27.60	4.70	27.58	4.78	27.57	4.86
29	28.63	4.62	28.62	4.70	28.60	4.79	28.59	4.87	28.57	4.95	28.56	5.04
30	29.62	4.78	29.60	4.87	29.59	4.95	29.57	5,04	29.56	5.12	29.54	5.21
31	30.60	4.94	30.59	5.03	30.57	5.12	30.56	5.21	30.54	5.29	30.53	5.38
32	31.59	5.10	31.58	5.19	31.56	5,28	31.55	5.37	31.53	5.46	31.51	5.56
33	32.58	5.26	32.57	5.35	32.55	5.45	32.53	5.54	32.51	5.64	32.50	5.73
34	33.57	5.42	33.55	5.51	33.53	5.61	33.52	5.71	33.50	5.81	33.48	5.90
35	34.55	5.58	34.54	5.68	34.52	5.78	34.50	5.88	34.48	5.98	34.47	6.08
36	35.54	5.74	35.53	5,84	35.51	5.94	35.49	6,05	35.47	6,15	35.45	6.25
37	36 53	5.89	36.51	6.00	36.49	6.11	36.47	6.21	36.45	6,32	36.44	6.43
38	37.51	6.05	37.50	6.16	37.48	6,27	37.46	6.38	37.44	6.49	37.42	6.60
39	38.50	6.21	38.49	6.32	38.47	6.44	38.45	6.55	38.42	6.66	38.41	6.77
40	39.49	6.37	39.47	6.49	39.45	6.60	39.43	6.72	39.41	6.83	39.39	6.95
41	40.48	6.53	40.46	6.65	40.44	6.77	40.42	6.88	40.40	7.00	40.38	7.12
42	41.46	6.69	41.44	6.81	41.42	6.93	41.40	7.05	41.38	7.17	41.36	7.29
43	42.45	6.85	42.43	6.97	42.41	7.10	42.39	7.22	42.37	7.34	42.35	7.47
44	43.44	7.01	43.42	7.14	43.40	7.26	43.38	7.39	43.35	7.51	43.33	7.64
45	44.43	7.17	44.40	7.30	44.38	7.43	44.36	7.56	44.34	7.69	44.32	7.81
46	45.41	7.33	45.39	7.46	45.37	7.59	45.35	7.72	45.32	7.86	45.30	7.99
47	46.40	7.49	46,38	7.62	46.36	7.76	46.33	7.89	46.31	8.03	46.29	8.16
48	47.39	7.65	47.36	7.78	47.34	7.92	47.32	8.06	47.29	8.20	47.27	8.34
49	48.37	7.81	48.35	7.95	48.33	8.09	48.30	8.23	48.28	8.37	48.26	8.51
50	49.36	7.97	49.34	8.11	49.31	8.25	49.29	8.40	49.27	8.54	49.24	8.68
51	50.35	8.12	50.32	8.27	50.30	8.42	50.28	8.56	50.25	8.71	50.23	8.86
52	51.34	8.28	51.31	8.43	51.29	8.58	51.26	8.73	51.24	8.88	51.21	9.03
53	52.32	8.44	52.30	8.60	52.27	8.75	52.25	8.90	52.22	9.05	52.19	9.20
54	53.31	8.60	53.29	8.76	53.26	8.91	53.23	9.07	53.21	9,22	53.18	9.38
55	54.30	8.76	54.27	8.92	54.25	9,08	54.22	9.24	54.19	9.39	54.16	9.55
56	55.28	8.92	55.26	9.08	55.23	9.24	55.20	9.40	55.18	9.56	55.15	9.72
57	56.27	9.08	56.25	9.24	56.22	9.41	56.19	9.57	56.16	9.73	56.13	9.90
58	57.26	9.24	57.23	9.41	57.20	9.57	57.18	9.74	57.15	9.91	57.12	10.07
59	58.25	9.40	58.22	9.57	58.19	9.74	58.16	9.91	58.13	10.08	58.10	10.25
60	59.23	9.56	59.21	9.73	59.18	9.90	59.15	10.08	59.12	10.25	59.09	10.42
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10		D. L. 0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.22	9.72	60.19	9.89	60.16	10.07	60.13	10.24	60.10	10.42	60.07	10.59
62	61.21	9.88	61.18	10.06	61.15	10.23	61.12	10.41	61.09	10.59	61.06	10.77
63	62.20	10.04	62.17	10.22	62.14	10.40	62.11	10.58	62.07	10.76	62.04	10.94
64	63.18	10.20	63.15	10.38	63.12	10.56	63.09	10.75	63.06	10.93	63.03	11.11
65	64.17	10.36	64.14	10.54	64.11	10.73	64.08	10.91	64.05	11.10	64.01	11.29
66	65.16	10.51	65.13	10.70	65.10	10.89	65.06	11.08	65.03	11.27	65.00	11.46
67	66.14	10.67	66.11	10.87	66.08	11.06	66.05	11.25	66.02	11.44	65.98	11.63
68	67.13	10.83	67.10	11.03	67.07	11.22	67.03	11.42	67.00	11.61	66.97	11.81
69	68.12	10.99	68.09	11.19	68.05	11.39	68.02	11.59	67.99	11.79	67.95	11.98
70	69.11	11.15	69.07	11.35	69.04	11.55	69.01	11.75	68.97	11.95	68.94	12.16
71	70.09	11.31	70.06	11.51	70.03	11.72	69.99	11.92	69.96	12.13	69.92	12.33
72	71.08	11.47	71.05	11.68	71.01	11.88	70.98	12.09	70.94	12.30	70.91	12.50
73	72.07	11.63	72.03	11.84	72.00	12.05	71.96	12.26	71.93	12.47	71.89	12.68
74	73.06	11.79	73.02	12.00	72.99	12.21	72.95	12.43	72.91	12.64	72.88	12.85
75	74.04	11.95	74.01	12.16	73.97	12.38	73.94	12.59	73.90	12.81	73.86	13.02
76	75.03	12.11	74.99	12.33	74.96	12.54	74.92	12.76	74.88	12.98	74.85	13.20
77	76.02	12.27	75.98	12.49	75.94	12.71	75.91	12.93	75.87	13.15	75.83	13.37
78	77.00	12.43	76.97	12.65	76.93	12.87	76.89	13.10	76.85	13.32	76.82	13.54
79	77.99	12.59	77.95	12.81	77.92	13.04	77.88	13.27	77.84	13.49	77.80	13.72
80	78.98	12.74	78.94	12.97	78.90	13.20	78.86	13.43	78.82	13.66	78.78	13.89
81	79.97	12.90	79.93	13.14	79.89	13.37	79.85	13.60	79.81	13.83	79.77	14.07
82	80.95	13.06	80.91	13.30	80.88	13.53	80.84	13.77	80.80	14.00	80.75	14.24
83	81.94	13.22	81.90	13.46	81.86	13.70	81.82	13.94	81.78	14.17	81.74	14.41
84	82.93	13.38	82.89	13.62	82.85	13.86	82.81	14.11	82.77	14.35	82.72	14.59
85	83.91	13.54	83.87	13.78	83.83	14.03	83.79	14.27	83.75	14.52	83.71	14.76
86	84.90	13.70	84.86	13.95	84.82	14.19	84.78	14.44	84.74	14.69	84.69	14.93
87	85.89	13.86	85.85	14.11	85.81	14.36	85.77	14.61	85.72	14.86	85.68	15.11
88	86.88	14.02	86.83	14.27	86.79	14.52	86.75	14.78	86.71	15.03	86.66	15.28
89	87.86	14.18	87.82	14.43	87.78	14.69	87.74	14.95	87.69	15.20	87.65	15.45
90	88.85	14.34	88.81	14.60	88.77	14.85	88.72	15.11	88.68	15.37	88.63	15.63
91	89.84	14.50	89.80	14.76	89.75	15.02	89.71	15.28	89.66	15.54	89.62	15.80
92	90.83	14.66	90.78	14.92	90.74	15.18	90.69	15.45	90.65	15.71	90.60	15.98
93	91.81	14.82	91.77	15.08	91.72	15.35	91.68	15.62	91.63	15.88	91.59	16.15
94	92.80	14.98	92.76	15.24	92.71	15.51	92.67	15.79	92.62	16.05	92.57	16.32
95	93.79	15.13	93.74	15.41	93.70	15.68	93.65	15.95	93.60	16.22	93.56	16.50
96	94.77	15.29	94.73	15.57	94.68	15.84	94.64	16.12	94.59	16.39	94.54	16.67
97	95.76	15.45	95.72	15.73	95.67	16.01	95.62	16.29	95.58	16.57	95.53	16.84
98	96.75	15.61	96.70	15.89	96.66	16.17	96.61	16.46	96.56	16.74	96.51	17.02
99	97.74	15.77	97.69	16.06	97.64	16.34	97.59	16.62	97.55	16.91	97.50	17.19
100	98.72	15.93	98.68	16.22	98.63	16.51	98.58	16.79	98.53	17.08	98.48	17.37
01	99.71	16.09	99.66	16.38	99.62	16.67	99.56	16.96	99.52	17.25	99.47	17.54
02	100.70	16.25	100.65	16.54	100.60	16.84	100.55	17.13	100.50	17.42	100.45	17.71
03	101.68	16.41	101.64	16.70	101.59	17.00	101.53	17.30	101.49	17.59	101.44	17.89
04	102.67	16.57	102.62	16.87	102.57	17.17	102.52	17.46	102.47	17.76	102.42	18.06
05	103.66	16.73	103.61	17.03	103.56	17.33	103.50	17.63	103.46	17.93	103.41	18.23
06	104.65	16.89	104.60	17.19	104.55	17.50	104.49	17.80	104.44	18.10	104.39	18.41
07	105.63	17.05	105.58	17.35	105.53	17.66	105.47	17.97	105.43	18.27	105.37	18.58
08	106.62	17.21	106.57	17.52	106.52	17.83	106.46	18.14	106.41	18.44	106.36	18.75
09	107.61	17.36	107.56	17.68	107.51	17.99	107.45	18.30	107.40	18.62	107.34	18.93
110	108.60	17.52	108.54	17.84	108.49	18.16	108.44	18.47	108.38	18.79	108.33	19.10
11	109.58	17.68	109.53	18.00	109.48	18.32	109.42	18.64	109.37	18.96	109.31	19.28
12	110.57	17.84	110.52	18.16	110.46	18.49	110.41	18.81	110.35	19.13	110.30	19.45
13	111.56	18.00	111.50	18.33	111.45	18.65	111.40	18.98	111.34	19.30	111.28	19.62
14	112.54	18.16	112.49	18.49	112.44	18.82	112.38	19.14	112.33	19.47	112.27	19.80
15	113.53	18.32	113.48	18.65	113.42	18.98	113.37	19.31	113.31	19.64	113.25	19.97
16	114.52	18.48	114.46	18.81	114.41	19.15	114.35	19.48	114.30	19.81	114.24	20.14
17	115.51	18.64	115.45	18.97	115.40	19.31	115.34	19.65	115.28	19.98	116.22	20.32
18	116.49	18.80	116.44	19.14	116.38	19.48	116.32	19.81	116.27	20.15	116.21	20.49
19	117.48	18.96	117.42	19.30	117.37	19.64	117.31	19.98	117.25	20.32	117.19	20.66
120	118.47	19.12	118.41	19.46	118.35	19.81	118.30	20.15	118.24	20.49	118.18	20.84

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
120	119.45	19.28	119.40	19.62	119.34	19.97	119.28	20.32	119.22	20.66	119.16	21.01
21	120.44	19.44	120.38	19.79	120.33	20.14	120.27	20.49	120.21	20.84	120.15	21.19
22	121.43	19.60	121.37	19.95	121.31	20.30	121.25	20.65	121.19	21.01	121.13	21.36
23	122.42	19.75	122.36	20.11	122.30	20.47	122.24	20.82	122.18	21.18	122.12	21.53
24	123.40	19.91	123.35	20.27	123.29	20.63	123.23	20.99	123.16	21.35	123.10	21.71
25	124.39	20.07	124.33	20.43	124.27	20.80	124.21	21.16	124.15	21.52	124.09	21.88
26	125.38	20.23	125.32	20.60	125.26	20.96	125.20	21.33	125.13	21.69	125.07	22.05
27	126.37	20.39	126.31	20.76	126.25	21.13	126.18	21.49	126.12	21.86	126.06	22.23
28	127.35	20.56	127.29	20.92	127.23	21.29	127.17	21.66	127.10	22.03	127.04	22.40
130	128.34	20.71	128.28	21.08	128.22	21.46	128.15	21.83	128.09	22.20	128.03	22.57
31	129.33	20.87	129.27	21.26	129.20	21.62	129.14	22.00	129.08	22.37	129.01	22.75
32	130.31	21.03	130.25	21.41	130.19	21.79	130.13	22.17	130.06	22.54	129.99	22.92
33	131.30	21.19	131.24	21.57	131.18	21.95	131.11	22.33	131.05	22.71	130.98	23.10
34	132.29	21.35	132.23	21.73	132.16	22.12	132.10	22.50	132.03	22.88	131.96	23.27
35	133.28	21.51	133.21	21.89	133.15	22.28	133.08	22.67	133.02	23.06	132.95	23.44
36	134.26	21.67	134.20	22.06	134.14	22.45	134.07	22.84	134.00	23.23	133.93	23.62
37	135.25	21.83	135.19	22.22	135.12	22.61	135.05	23.01	134.99	23.40	134.92	23.79
38	136.24	21.98	136.17	22.38	136.11	22.78	136.04	23.17	135.97	23.57	135.90	23.96
39	137.22	22.14	137.16	22.54	137.09	22.94	137.03	23.34	136.96	23.74	136.89	24.14
140	138.21	22.30	138.15	22.71	138.08	23.11	138.01	23.51	137.94	23.91	137.87	24.31
41	139.20	22.46	139.13	22.87	139.07	23.27	139.00	23.68	138.93	24.08	138.86	24.48
42	140.19	22.62	140.12	23.03	140.05	23.44	139.98	23.85	139.91	24.25	139.84	24.66
43	141.17	22.78	141.11	23.19	141.04	23.60	140.97	24.01	140.90	24.42	140.83	24.83
44	142.16	22.94	142.09	23.35	142.03	23.77	141.96	24.18	141.88	24.59	141.81	25.01
45	143.15	23.10	143.08	23.52	143.01	23.93	142.94	24.35	142.87	24.76	142.80	25.18
46	144.14	23.26	144.07	23.68	144.00	24.10	143.93	24.52	143.86	24.93	143.78	25.35
47	145.12	23.42	145.05	23.84	144.98	24.26	144.91	24.69	144.84	25.10	144.77	25.53
48	146.11	23.58	146.04	24.00	145.97	24.43	145.90	24.85	145.83	25.28	145.75	25.70
49	147.10	23.74	147.03	24.16	146.96	24.59	146.88	25.02	146.81	25.45	146.74	25.87
150	148.09	23.90	148.01	24.33	147.94	24.76	147.87	25.19	147.80	25.62	147.72	26.05
51	149.07	24.06	149.00	24.49	148.93	24.92	148.86	25.36	148.78	25.79	148.71	26.22
52	150.06	24.22	149.99	24.65	149.92	25.09	149.84	25.52	149.77	25.96	149.69	26.39
53	151.05	24.37	150.97	24.81	150.90	25.25	150.83	25.69	150.75	26.13	150.68	26.57
54	152.03	24.53	151.96	24.97	151.89	25.42	151.81	25.86	151.74	26.30	151.66	26.74
55	153.02	24.69	152.95	25.14	152.87	25.58	152.80	26.03	152.72	26.47	152.65	26.92
56	154.01	24.85	153.93	25.30	153.86	25.75	153.78	26.20	153.71	26.64	153.63	27.09
57	155.00	25.01	154.92	25.46	154.85	25.91	154.77	26.36	154.69	26.81	154.62	27.26
58	155.98	25.17	155.91	25.62	155.83	26.08	155.76	26.53	155.68	26.98	155.60	27.44
59	156.97	25.33	156.89	25.79	156.82	26.24	156.74	26.70	156.66	27.15	156.58	27.61
160	157.96	25.49	157.98	25.95	157.81	26.41	157.73	26.87	157.65	27.32	157.57	27.78
61	158.94	25.65	158.87	26.11	158.79	26.57	158.71	27.04	158.63	27.50	158.55	27.96
62	159.93	25.81	159.86	26.27	159.78	26.74	159.70	27.20	159.62	27.67	159.54	28.13
63	160.92	25.97	160.84	26.44	160.77	26.90	160.69	27.37	160.61	27.84	160.52	28.30
64	161.91	26.13	161.83	26.60	161.75	27.07	161.67	27.54	161.59	28.01	161.51	28.48
65	162.89	26.29	162.82	26.76	162.74	27.23	162.66	27.71	162.58	28.18	162.49	28.65
66	163.88	26.45	163.80	26.92	163.72	27.40	163.64	27.88	163.56	28.35	163.48	28.83
67	164.87	26.60	164.79	27.08	164.71	27.56	164.63	28.04	164.55	28.52	164.46	29.00
68	165.85	26.76	165.78	27.25	165.70	27.73	165.61	28.21	165.53	28.69	165.45	29.17
69	166.84	26.92	166.76	27.41	166.68	27.89	166.60	28.38	166.52	28.86	166.43	29.35
170	167.83	27.08	167.75	27.57	167.67	28.06	167.59	28.55	167.50	29.03	167.42	29.52
71	168.82	27.24	168.74	27.73	168.66	28.22	168.57	28.71	168.49	29.20	168.40	29.69
72	169.80	27.40	169.72	27.89	169.64	28.39	169.56	28.88	169.47	29.37	169.39	29.87
73	170.79	27.56	170.71	28.06	170.63	28.55	170.54	29.05	170.46	29.55	170.37	30.04
74	171.78	27.72	171.70	28.22	171.61	28.72	171.53	29.22	171.44	29.72	171.36	30.22
75	172.77	27.88	172.68	28.38	172.60	28.88	172.52	29.39	172.43	29.89	172.34	30.39
76	173.75	28.04	173.67	28.54	173.59	29.05	173.50	29.55	173.41	30.06	173.33	30.56
77	174.74	28.20	174.66	28.70	174.57	29.21	174.49	29.72	174.40	30.23	174.31	30.74
78	175.73	28.36	175.64	28.87	175.56	29.38	175.47	29 89	175.38	30.40	175.30	30.91
79	176.71	28.52	176.63	29.03	176.55	29.54	176.46	30.06	176.37	30.57	176.28	31.08
180	177.70	28.68	177.62	29.19	177.53	29.71	177.44	30.23	177.36	30.74	177.27	31.26

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10′		20′		30′		40′		50′		60′	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
91	178.68	29.94	178.60	29.88	178.53	29.87	178.45	30.35	178.37	30.91	178.29	31.48
92	179.68	29.96	179.59	29.92	179.51	30.04	179.42	30.36	179.33	31.03	179.24	31.69
93	180.68	30.15	180.58	30.09	180.49	30.06	180.40	30.76	180.31	31.25	180.22	31.78
94	181.68	30.31	181.58	30.26	181.48	30.27	181.38	30.90	181.29	31.42	181.21	31.96
95	182.68	30.47	182.58	30.00	182.46	30.58	182.37	31.07	182.28	31.58	182.19	32.11
96	183.68	30.63	183.58	30.10	183.45	30.70	183.36	31.20	183.27	31.74	183.17	32.26
97	184.68	30.79	184.58	30.32	184.45	30.86	184.35	31.40	184.26	31.94	184.16	32.47
98	185.68	30.95	185.57	30.48	185.42	31.03	185.33	31.57	185.24	32.11	185.14	32.65
99	186.68	31.11	186.56	30.65	186.41	31.19	186.32	31.74	186.22	32.28	186.13	32.83
190	187.67	30.27	187.48	30.81	187.40	31.36	187.30	31.90	187.21	32.45	187.11	32.99
91	188.66	30.43	188.47	30.98	188.38	31.52	188.29	32.07	188.19	32.62	188.10	33.17
92	189.65	30.59	189.46	31.14	189.37	31.68	189.27	32.24	189.18	32.78	189.08	33.34
93	190.65	30.75	190.44	31.30	190.35	31.85	190.26	32.41	190.16	32.96	190.07	33.51
94	191.63	30.91	191.43	31.46	191.34	32.02	191.24	32.58	191.15	33.13	191.03	33.68
95	192.61	31.07	192.42	31.62	192.33	32.18	192.23	32.74	192.14	33.30	192.04	33.86
96	193.60	31.23	193.40	31.78	193.31	32.35	193.21	32.91	193.12	33.47	193.02	34.04
97	194.40	31.38	194.39	31.95	194.30	32.51	194.20	33.08	194.11	33.64	194.01	34.21
98	195.47	31.54	195.38	32.11	195.28	32.68	195.18	33.25	195.09	33.81	194.99	34.38
99	196.46	31.70	196.37	32.27	196.27	32.84	196.17	33.42	196.08	33.99	195.98	34.56
200	197.45	31.86	197.35	32.44	197.26	33.01	197.16	33.58	197.06	34.16	196.96	34.73
01	198.43	32.02	198.34	32.60	198.24	33.18	198.14	33.75	198.05	34.33	197.95	34.90
02	199.42	32.19	199.32	32.76	199.23	33.34	199.13	33.92	199.03	34.50	198.93	35.08
03	200.41	32.34	200.31	32.92	200.22	33.51	200.11	34.09	200.02	34.67	199.92	35.25
04	201.39	32.50	201.30	33.08	201.20	33.67	201.10	34.26	201.00	34.84	200.90	35.42
05	202.38	32.66	202.29	33.25	202.19	33.84	202.09	34.42	201.99	35.01	201.89	35.60
06	203.37	32.82	203.27	33.41	203.18	34.00	203.07	34.59	202.97	35.18	202.87	35.77
07	204.36	32.98	204.26	33.57	204.16	34.17	204.06	34.76	203.96	35.35	203.86	35.94
08	205.34	33.14	205.25	33.73	205.15	34.33	205.04	34.93	204.94	35.52	204.84	36.12
09	206.33	33.30	206.23	33.89	206.13	34.50	206.03	35.10	205.93	35.69	205.83	36.29
210	207.32	33.46	207.22	34.06	207.12	34.66	207.01	35.26	206.92	35.86	206.81	36.47
11	208.30	33.61	208.21	34.22	208.11	34.83	208.00	35.43	207.90	36.03	207.79	36.64
12	209.29	33.77	209.19	34.38	209.09	34.99	208.98	35.60	208.89	36.21	208.78	36.81
13	210.28	33.93	210.18	34.54	210.08	35.16	209.97	35.77	209.87	36.38	209.76	36.99
14	211.27	34.09	211.17	34.71	211.07	35.32	210.96	35.93	210.86	36.55	210.75	37.16
15	212.25	34.25	212.15	34.87	212.05	35.49	211.94	36.10	211.84	36.72	211.73	37.33
16	213.24	34.41	213.14	35.03	213.04	35.65	212.93	36.27	212.83	36.89	212.72	37.51
17	214.23	34.57	214.13	35.19	214.02	35.82	213.91	36.44	213.81	37.06	213.70	37.68
18	215.22	34.73	215.11	35.36	215.01	35.98	214.90	36.61	214.80	37.23	214.69	37.86
19	216.20	34.89	216.10	35.52	216.00	36.15	215.89	36.77	215.78	37.40	215.67	38.03
220	217.19	35.05	217.09	35.68	216.98	36.31	216.87	36.94	216.77	37.57	216.66	38.20
21	218.18	35.21	218.07	35.84	217.97	36.48	217.86	37.11	217.75	37.74	217.64	38.38
22	219.16	35.37	219.06	36.01	218.96	36.64	218.84	37.28	218.74	37.91	218.63	38.55
23	220.15	35.53	220.05	36.17	219.94	36.81	219.83	37.45	219.72	38.08	219.61	38.72
24	221.14	35.69	221.03	36.33	220.93	36.97	220.82	37.61	220.71	38.25	220.60	38.90
25	222.13	35.84	222.02	36.49	221.92	37.14	221.80	37.78	221.69	38.43	221.58	39.07
26	223.11	36.00	223.01	36.65	222.90	37.30	222.79	37.95	222.68	38.60	222.57	39.24
27	224.10	36.16	223.99	36.82	223.89	37.47	223.77	38.12	223.67	38.77	223.55	39.42
28	225.09	36.32	224.98	36.98	224.87	37.63	224.76	38.29	224.65	38.94	224.54	39.59
29	226.07	36.48	225.97	37.14	225.86	37.80	225.74	38.45	225.64	39.11	225.52	39.77
230	227.06	36.64	226.95	37.30	226.84	37.96	226.73	38.62	226.62	39.28	226.51	39.94
31	228.05	36.80	227.94	37.46	227.83	38.13	227.72	38.79	227.61	39.45	227.49	40.11
32	229.04	36.96	228.93	37.62	228.82	38.29	228.70	38.96	228.59	39.62	228.48	40.28
33	230.02	37.12	229.91	37.79	229.80	38.46	229.69	39.13	229.58	39.79	229.46	40.46
34	231.01	37.28	230.90	37.95	230.79	38.62	230.67	39.29	230.56	39.96	230.45	40.63
35	232.00	37.44	231.89	38.11	231.78	38.79	231.66	39.46	231.55	40.13	231.43	40.81
36	232.99	37.60	232.88	38.28	232.76	38.95	232.64	39.63	232.54	40.30	232.42	40.98
37	233.97	37.76	233.86	38.44	233.75	39.12	233.63	39.80	233.52	40.48	233.40	41.16
38	234.96	37.92	234.85	38.60	234.74	39.28	234.61	39.96	234.50	40.65	234.38	41.33
39	235.94	38.08	235.84	38.76	235.72	39.45	235.60	40.13	235.49	40.82	235.37	41.50
240	236.93	38.24	236.82	38.92	236.71	39.61	236.59	40.30	236.47	40.99	236.35	41.68
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50′		40′		30′		20′		10′		0′	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	237.92	38.39	237.81	39.09	237.70	39.78	237.57	40.47	237.46	41.16	237.34	41.85
42	238.91	38.55	238.80	39.25	238.68	39.94	238.56	40.64	238.45	41.33	238.32	42.02
43	239.90	38.71	239.78	39.41	239.67	40.11	239.55	40.80	239.43	41.50	239.31	42.20
44	240.88	38.87	240.77	39.57	240.65	40.27	240.54	40.97	240.42	41.67	240.29	42.37
45	241.87	39.03	241.76	39.73	241.64	40.44	241.52	41.14	241.40	41.84	241.28	42.55
46	242.86	39.19	242.74	39.90	242.63	40.60	242.51	41.31	242.39	42.01	242.26	42.72
47	243.84	39.35	243.73	40.06	243.61	40.77	243.49	41.48	243.37	42.18	243.25	42.89
48	244.83	39.51	244.72	40.22	244.60	40.93	244.48	41.64	244.36	42.35	244.23	43.07
49	245.82	39.67	245.70	40.38	245.59	41.10	245.46	41.81	245.34	42.52	245.22	43.24
250	246.81	39.83	246.69	40.55	246.57	41.26	246.45	41.98	246.33	42.70	246.20	43.41
51	247.79	39.99	247.68	40.71	247.56	41.43	247.44	42.15	247.31	42.87	247.19	43.59
52	248.78	40.15	248.66	40.87	248.55	41.59	248.42	42.32	248.30	43.04	248.17	43.76
53	249.77	40.31	249.65	41.03	249.53	41.76	249.41	42.48	249.28	43.21	249.16	43.93
54	250.76	40.46	250.64	41.19	250.52	41.92	250.39	42.65	250.27	43.38	250.14	44.11
55	251.74	40.62	251.62	41.36	251.51	42.09	251.38	42.82	251.25	43.55	251.13	44.28
56	252.73	40.78	252.61	41.52	252.49	42.25	252.36	42.99	252.24	43.72	252.11	44.45
57	253.72	40.94	253.60	41.68	253.48	42.42	253.35	43.16	253.22	43.89	253.10	44.63
58	254.71	41.10	254.58	41.84	254.46	42.58	254.34	43.32	254.21	44.06	254.08	44.80
59	255.69	41.26	255.57	42.00	255.45	42.75	255.32	43.49	255.19	44.23	255.07	44.98
260	256.68	41.42	256.56	42.17	256.44	42.91	256.31	43.66	256.18	44.40	256.05	45.15
61	257.67	41.58	257.54	42.33	257.42	43.08	257.29	43.83	257.17	44.57	257.04	45.32
62	258.66	41.74	258.53	42.49	258.41	43.24	258.28	44.00	258.16	44.74	258.02	45.50
63	259.64	41.90	259.52	42.65	259.39	43.41	259.27	44.16	259.14	44.92	259.01	45.67
64	260.63	42.06	260.50	42.81	260.38	43.57	260.25	44.33	260.12	45.09	259.99	45.84
65	261.62	42.22	261.49	42.98	261.37	43.74	261.24	44.50	261.11	45.26	260.97	46.02
66	262.60	42.38	262.48	43.14	262.35	43.90	262.22	44.67	262.09	45.43	261.96	46.19
67	263.59	42.54	263.46	43.30	263.34	44.07	263.21	44.84	263.08	45.60	262.94	46.36
68	264.58	42.70	264.45	43.46	264.33	44.23	264.19	45.00	264.06	45.77	263.93	46.54
69	265.57	42.85	265.44	43.63	265.31	44.40	265.18	45.17	265.05	45.94	264.91	46.71
270	266.55	43.01	266.43	43.79	266.30	44.56	266.17	45.34	266.03	46.11	265.90	46.89
71	267.54	43.17	267.41	43.95	267.28	44.73	267.15	45.51	267.02	46.28	266.88	47.06
72	268.53	43.33	268.40	44.11	268.27	44.89	268.14	45.68	268.00	46.45	267.87	47.23
73	269.51	43.49	269.39	44.27	269.26	45.06	269.12	45.84	268.99	46.62	268.85	47.41
74	270.50	43.65	270.37	44.44	270.24	45.22	270.11	46.01	269.97	46.79	269.84	47.58
75	271.49	43.81	271.36	44.60	271.23	45.39	271.10	46.18	270.96	46.96	270.82	47.75
76	272.48	43.97	272.35	44.76	272.22	45.55	272.08	46.35	271.95	47.14	271.81	47.93
77	273.46	44.13	273.33	44.92	273.20	45.72	273.07	46.52	272.93	47.31	272.79	48.10
78	274.45	44.29	274.32	45.09	274.19	45.88	274.05	46.68	273.92	47.48	273.78	48.27
79	275.44	44.45	275.31	45.25	275.17	46.05	275.04	46.85	274.90	47.65	274.76	48.45
280	276.43	44.61	276.29	45.41	276.16	46.21	276.02	47.02	275.89	47.82	275.75	48.62
81	277.41	44.77	277.28	45.57	277.15	46.38	277.01	47.19	276.87	47.99	276.73	48.80
82	278.40	44.93	278.27	45.73	278.13	46.54	278.00	47.35	277.86	48.16	277.72	48.97
83	279.39	45.08	279.25	45.90	279.12	46.71	278.98	47.52	278.84	48.33	278.70	49.14
84	280.37	45.24	280.24	46.06	280.11	46.87	279.97	47.69	279.83	48.50	279.69	49.32
95	281.36	45.40	281.23	46.22	281.09	47.04	280.95	47.86	280.81	48.67	280.67	49.49
86	282.35	45.56	282.21	46.38	282.08	47.20	281.94	48.03	281.80	48.84	281.66	49.66
87	283.34	45.72	283.20	46.55	283.07	47.37	282.92	48.19	282.78	49.01	282.64	49.84
88	284.32	45.88	284.19	46.71	284.05	47.53	283.91	48.36	283.77	49.18	283.63	50.01
89	285.31	46.04	285.17	46.87	285.04	47.70	284.90	48.53	284.76	49.36	284.61	50.18
290	286.30	46.20	286.16	47.03	286.02	47.86	285.88	48.70	285.74	49.53	285.59	50.36
91	287.28	46.36	287.15	47.19	287.01	48.03	286.87	48.86	286.73	49.70	286.57	50.53
92	288.27	46.52	288.13	47.36	288.00	48.19	287.85	49.03	287.71	49.87	287.56	50.71
93	289.26	46.68	289.12	47.52	288.98	48.36	288.84	49.20	288.70	50.04	288.54	50.88
94	290.25	46.84	290.11	47.68	289.97	48.52	289.83	49.37	289.68	50.21	289.53	51.05
95	291.23	47.00	291.09	47.84	290.96	48.69	290.81	49.54	290.67	50.38	290.51	51.23
96	292.22	47.16	292.08	48.00	291.94	48.85	291.80	49.70	291.65	50.55	291.50	51.40
97	293.21	47.32	293.07	48.17	292.93	49.02	292.78	49.87	292.64	50.72	292.48	51.57
98	294.20	47.47	294.05	48.33	293.92	49.18	293.77	50.04	293.62	50.89	293.47	51.75
99	295.18	47.63	295.04	48.49	294.90	49.35	294.75	50.21	294.61	51.06	294.45	51.92
300	296.17	47.79	296.03	48.65	295.89	49.52	295.74	50.38	295.60	51.23	295.44	52.10
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

'	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.98	0.18	0.98	0.18	0.98	0.18	0.98	0.19	0.98	0.19	0.98	0.19
2	1.97	0.35	1.97	0.36	1.97	0.36	1.97	0.37	1.96	0.38	1.96	0.38
3	2.95	0.53	2.95	0.54	2.95	0.55	2.95	0.56	2.95	0.56	2.94	0.57
4	3.94	0.71	3.94	0.72	3.93	0.73	3.93	0.74	3.93	0.75	3.93	0.76
5	4.92	0.88	4.92	0.90	4.92	0.91	4.91	0.93	4.91	0.94	4.91	0.94
6	5.91	1.06	5.90	1.08	5.90	1.09	5.90	1.11	5.89	1.13	5.89	1.14
7	6.89	1.24	6.89	1.26	6.88	1.28	6.88	1.30	6.88	1.32	6.87	1.34
8	7.87	1.41	7.87	1.43	7.87	1.46	7.86	1.48	7.86	1.50	7.85	1.53
9	8.86	1.59	8.86	1.61	8.85	1.64	8.84	1.67	8.84	1.69	8.83	1.72
10	9.84	1.77	9.84	1.79	9.83	1.82	9.83	1.85	9.82	1.88	9.82	1.91
11	10.83	1.94	10.82	1.97	10.82	2.00	10.81	2.04	10.80	2.07	10.80	2.10
12	11.81	2.12	11.81	2.15	11.80	2.19	11.79	2.22	11.79	2.26	11.78	2.29
13	12.80	2.29	12.79	2.33	12.78	2.37	12.78	2.41	12.77	2.44	12.76	2.48
14	13.78	2.47	13.77	2.51	13.77	2.55	13.76	2.59	13.75	2.63	13.74	2.67
15	14.76	2.65	14.76	2.69	14.75	2.73	14.74	2.78	14.73	2.82	14.72	2.86
16	15.75	2.82	15.74	2.87	15.73	2.92	15.72	2.96	15.71	3.01	15.71	3.05
17	16.73	3.00	16.72	3.05	16.72	3.10	16.71	3.15	16.70	3.20	16.69	3.24
18	17.72	3.18	17.71	3.23	17.70	3.28	17.69	3.33	17.68	3.38	17.67	3.43
19	18.70	3.35	18.69	3.41	18.68	3.46	18.67	3.52	18.66	3.57	18.65	3.63
20	19.69	3.53	19.68	3.59	19.67	3.64	19.65	3.70	19.64	3.76	19.63	3.82
21	20.67	3.71	20.66	3.77	20.65	3.83	20.64	3.89	20.63	3.95	20.61	4.01
22	21.65	3.88	21.64	3.95	21.63	4.01	21.62	4.07	21.61	4.14	21.60	4.20
23	22.64	4.06	22.63	4.13	22.61	4.19	22.60	4.26	22.59	4.32	22.58	4.39
24	23.62	4.24	23.61	4.30	23.60	4.37	23.58	4.44	23.57	4.51	23.56	4.58
25	24.61	4.41	24.59	4.48	24.58	4.56	24.57	4.63	24.55	4.70	24.54	4.77
26	25.59	4.59	25.58	4.66	25.56	4.74	25.55	4.81	25.54	4.89	25.52	4.96
27	26.58	4.77	26.56	4.84	26.55	4.92	26.53	5.00	26.52	5.07	26.50	5.15
28	27.56	4.94	27.55	5.02	27.53	5.10	27.52	5.18	27.50	5.26	27.49	5.34
29	28.54	5.12	28.53	5.20	28.51	5.28	28.50	5.37	28.48	5.45	28.47	5.53
30	29.53	5.30	29.51	5.38	29.50	5.47	29.48	5.55	29.47	5.64	29.45	5.73
31	30.51	5.47	30.50	5.56	30.48	5.65	30.46	5.74	30.45	5.83	30.43	5.92
32	31.50	5.65	31.48	5.74	31.46	5.83	31.45	5.92	31.43	6.01	31.41	6.11
33	32.48	5.82	32.46	5.92	32.45	6.01	32.43	6.11	32.41	6.20	32.39	6.30
34	33.47	6.00	33.45	6.10	33.43	6.20	33.41	6.29	33.39	6.39	33.37	6.49
35	34.45	6.18	34.43	6.28	34.41	6.38	34.40	6.48	34.38	6.58	34.36	6.68
36	35.43	6.35	35.42	6.46	35.40	6.56	35.38	6.66	35.36	6.77	35.34	6.87
37	36.42	6.53	36.40	6.64	36.38	6.74	36.36	6.85	36.34	6.95	36.32	7.06
38	37.40	6.71	37.38	6.82	37.36	6.93	37.34	7.03	37.32	7.14	37.30	7.25
39	38.39	6.88	38.37	7.00	38.35	7.11	38.33	7.22	38.31	7.33	38.28	7.44
40	39.37	7.06	39.35	7.17	39.33	7.29	39.31	7.40	39.29	7.52	39.26	7.63
41	40.36	7.24	40.33	7.35	40.31	7.47	40.29	7.59	40.27	7.71	40.25	7.82
42	41.34	7.41	41.32	7.53	41.30	7.65	41.27	7.77	41.25	7.89	41.23	8.01
43	42.32	7.59	42.30	7.71	42.28	7.84	42.26	7.96	42.23	8.08	42.21	8.20
44	43.31	7.77	43.29	7.89	43.26	8.02	43.24	8.14	43.22	8.27	43.19	8.40
45	44.29	7.94	44.27	8.07	44.25	8.20	44.22	8.33	44.20	8.46	44.17	8.59
46	45.28	8.12	45.25	8.25	45.23	8.38	45.21	8.51	45.18	8.65	45.15	8.78
47	46.26	8.30	46.24	8.43	46.21	8.57	46.19	8.70	46.16	8.83	46.14	8.97
48	47.25	8.47	47.22	8.61	47.20	8.75	47.17	8.88	47.14	9.02	47.12	9.16
49	48.23	8.65	48.21	8.79	48.18	8.93	48.15	9.07	48.13	9.21	48.10	9.35
50	49.22	8.83	49.19	8.97	49.16	9.11	49.14	9.25	49.11	9.40	49.08	9.54
51	50.20	9.00	50.17	9.15	50.15	9.29	50.12	9.44	50.09	9.59	50.06	9.73
52	51.18	9.18	51.16	9.33	51.13	9.48	51.10	9.62	51.07	9.77	51.04	9.92
53	52.17	9.36	52.14	9.51	52.11	9.66	52.08	9.81	52.06	9.96	52.03	10.11
54	53.15	9.53	53.12	9.69	53.10	9.84	53.07	9.99	53.04	10.15	53.01	10.30
55	54.14	9.71	54.11	9.87	54.08	10.02	54.05	10.18	54.02	10.34	53.99	10.49
56	55.12	9.88	55.09	10.04	55.06	10.21	55.03	10.37	55.00	10.53	54.97	10.69
57	56.11	10.06	56.08	10.22	56.05	10.39	56.02	10.55	55.98	10.71	55.95	10.88
58	57.09	10.24	57.06	10.40	57.03	10.57	57.00	10.74	56.97	10.90	56.93	11.07
59	58.07	10.41	58.04	10.58	58.01	10.75	57.98	10.92	57.95	11.09	57.92	11.26
60	59.06	10.59	59.03	10.76	59.00	10.93	58.96	11.11	58.93	11.28	58.90	11.45

'	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	60.04	10.77	60.01	10.94	59.98	11.12	59.95	11.29	59.91	11.46	59.88	11.63
62	61.03	10.94	60.99	11.12	60.96	11.30	60.93	11.48	60.90	11.65	60.86	11.83
63	62.01	11.12	61.98	11.30	61.94	11.48	61.91	11.66	61.88	11.84	61.84	12.02
64	63.00	11.30	62.96	11.48	62.93	11.66	62.89	11.85	62.86	12.03	62.82	12.21
65	63.98	11.47	63.95	11.66	63.91	11.85	63.88	12.03	63.84	12.22	63.80	12.40
66	64.96	11.65	64.93	11.84	64.89	12.03	64.86	12.22	64.82	12.40	64.79	12.59
67	65.95	11.83	65.91	12.02	65.88	12.21	65.84	12.40	65.81	12.59	65.77	12.77
68	66.93	12.00	66.90	12.20	66.86	12.39	66.82	12.59	66.79	12.78	66.75	12.98
69	67.92	12.18	67.88	12.38	67.84	12.57	67.81	12.77	67.77	12.97	67.73	13.17
70	68.90	12.36	68.86	12.56	68.83	12.76	68.79	12.96	68.75	13.16	68.71	13.36
71	69.89	12.53	69.85	12.74	69.81	12.94	69.77	13.14	69.73	13.34	69.69	13.55
72	70.87	12.71	70.83	12.91	70.79	13.12	70.76	13.33	70.72	13.53	70.68	13.74
73	71.85	12.89	71.82	13.09	71.78	13.30	71.74	13.51	71.70	13.72	71.66	13.93
74	72.84	13.06	72.80	13.27	72.76	13.48	72.72	13.70	72.68	13.91	72.64	14.12
75	73.82	13.24	73.78	13.45	73.74	13.67	73.70	13.88	73.66	14.10	73.62	14.31
76	74.81	13.41	74.77	13.63	74.73	13.85	74.69	14.07	74.65	14.28	74.60	14.50
77	75.79	13.59	75.75	13.81	75.71	14.03	75.67	14.25	75.63	14.47	75.58	14.69
78	76.78	13.77	76.73	13.99	76.69	14.21	76.65	14.44	76.61	14.66	76.57	14.88
79	77.76	13.94	77.72	14.17	77.68	14.40	77.63	14.62	77.59	14.85	77.55	15.07
80	78.74	14.12	78.70	14.35	78.66	14.58	78.62	14.81	78.58	15.04	78.53	15.26
81	79.73	14.30	79.69	14.53	79.64	14.76	79.60	14.99	79.56	15.22	79.51	15.46
82	80.71	14.47	80.67	14.71	80.63	14.94	80.58	15.18	80.54	15.41	80.49	15.65
83	81.70	14.65	81.65	14.89	81.61	15.13	81.57	15.36	81.52	15.60	81.47	15.84
84	82.68	14.83	82.64	15.07	82.59	15.31	82.55	15.55	82.50	15.79	82.46	16.03
85	83.67	15.00	83.62	15.25	83.58	15.49	83.53	15.73	83.49	15.98	83.44	16.22
86	84.65	15.18	84.61	15.43	84.56	15.67	84.51	15.92	84.47	16.16	84.42	16.41
87	85.63	15.36	85.59	15.61	85.54	15.85	85.50	16.10	85.45	16.35	85.40	16.60
88	86.62	15.53	86.57	15.78	86.53	16.04	86.48	16.29	86.43	16.54	86.38	16.79
89	87.60	15.71	87.56	15.96	87.51	16.22	87.46	16.47	87.41	16.73	87.36	16.98
90	88.59	15.89	88.54	16.14	88.49	16.40	88.44	16.66	88.40	16.92	88.35	17.17
91	89.57	16.06	89.52	16.32	89.48	16.58	89.43	16.84	89.38	17.10	89.33	17.36
92	90.56	16.24	90.51	16.50	90.46	16.77	90.41	17.03	90.36	17.29	90.31	17.55
93	91.54	16.42	91.49	16.68	91.44	16.95	91.39	17.21	91.34	17.48	91.29	17.75
94	92.53	16.59	92.48	16.86	92.43	17.13	92.38	17.40	92.32	17.67	92.27	17.94
95	93.51	16.77	93.46	17.04	93.41	17.31	93.36	17.58	93.31	17.86	93.25	18.13
96	94.49	16.94	94.44	17.22	94.39	17.50	94.34	17.77	94.29	18.04	94.24	18.32
97	95.48	17.12	95.43	17.40	95.38	17.68	95.32	17.95	95.27	18.23	95.22	18.51
98	96.46	17.30	96.41	17.58	96.36	17.86	96.31	18.14	96.25	18.42	96.20	18.70
99	97.45	17.47	97.39	17.76	97.34	18.04	97.29	18.32	97.24	18.61	97.18	18.89
100	98.43	17.65	98.38	17.94	98.33	18.22	98.27	18.51	98.22	18.80	98.16	19.08
101	99.41	17.83	99.36	18.12	99.31	18.41	99.25	18.69	99.20	18.98	99.14	19.27
102	100.40	18.00	100.35	18.30	100.29	18.59	100.24	18.88	100.18	19.17	100.13	19.46
103	101.38	18.18	101.33	18.48	101.27	18.77	101.22	19.06	101.16	19.36	101.11	19.65
104	102.37	18.36	102.31	18.65	102.26	18.95	102.20	19.25	102.15	19.55	102.09	19.84
105	103.35	18.53	103.30	18.83	103.24	19.14	103.19	19.43	103.13	19.74	103.07	20.04
106	104.34	18.71	104.28	19.01	104.22	19.32	104.17	19.62	104.11	19.92	104.05	20.23
107	105.32	18.89	105.26	19.19	105.21	19.50	105.15	19.80	105.09	20.11	105.03	20.42
108	106.30	19.06	106.25	19.37	106.19	19.68	106.13	19.99	106.08	20.30	106.02	20.61
109	107.29	19.24	107.23	19.55	107.17	19.86	107.12	20.17	107.06	20.49	107.00	20.80
110	108.27	19.42	108.22	19.73	108.16	20.05	108.10	20.36	108.04	20.67	107.98	20.99
111	109.26	19.59	109.20	19.91	109.14	20.23	109.08	20.54	109.02	20.86	108.96	21.18
112	110.24	19.77	110.18	20.09	110.12	20.41	110.06	20.73	110.00	21.05	109.94	21.37
113	111.23	19.95	111.17	20.27	111.11	20.59	111.05	20.92	110.99	21.24	110.92	21.56
114	112.21	20.12	112.15	20.45	112.09	20.78	112.03	21.10	111.97	21.43	111.91	21.75
115	113.19	20.30	113.13	20.63	113.07	20.96	113.01	21.29	112.95	21.61	112.89	21.94
116	114.18	20.48	114.12	20.81	114.06	21.14	114.00	21.47	113.93	21.80	113.87	22.13
117	115.16	20.65	115.10	20.99	115.04	21.32	114.98	21.66	114.92	21.99	114.85	22.32
118	116.15	20.83	116.09	21.17	116.02	21.50	115.96	21.84	115.90	22.18	115.83	22.52
119	117.13	21.00	117.07	21.35	117.01	21.69	116.94	22.03	116.88	22.37	116.81	22.71
120	118.12	21.18	118.05	21.52	117.99	21.87	117.93	22.21	117.86	22.55	117.80	22.90
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

D.	10'		20'		30'		40'		50'		60'	
P.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	119.10	21.36	119.04	21.70	118.97	22.05	118.91	22.40	118.84	22.75	118.78	23.10
2	120.08	21.53	120.02	21.88	119.96	22.23	119.89	22.58	119.83	22.93	119.76	23.28
3	121.07	21.71	121.00	22.06	120.94	22.41	120.87	22.77	120.81	23.12	120.74	23.47
4	122.05	21.89	121.99	22.24	121.92	22.60	121.86	22.95	121.79	23.31	121.73	23.66
5	123.04	22.06	122.97	22.42	122.91	22.78	122.84	23.14	122.77	23.49	122.70	23.85
6	124.02	22.24	123.96	22.60	123.89	22.96	123.82	23.32	123.76	23.68	123.69	24.03
7	125.01	22.42	124.94	22.78	124.87	23.14	124.81	23.51	124.74	23.87	124.67	24.23
8	125.99	22.59	125.92	22.96	125.86	23.33	125.79	23.69	125.72	24.06	125.65	24.42
9	126.97	22.77	126.91	23.14	126.84	23.51	126.77	23.88	126.70	24.25	126.63	24.62
10	127.96	22.95	127.89	23.32	127.82	23.69	127.75	24.06	127.68	24.43	127.61	24.80
11	128.94	23.12	128.88	23.50	128.81	23.87	128.74	24.25	128.67	24.62	128.60	25.00
12	129.93	23.30	129.86	23.68	129.79	24.06	129.72	24.43	129.65	24.81	129.58	25.18
13	130.91	23.48	130.84	23.86	130.77	24.24	130.70	24.62	130.63	25.00	130.56	25.37
14	131.90	23.65	131.83	24.04	131.76	24.42	131.68	24.80	131.61	25.19	131.54	25.57
15	132.88	23.83	132.81	24.21	132.74	24.60	132.67	24.99	132.59	25.37	132.52	25.76
16	133.86	24.01	133.79	24.39	133.72	24.78	133.65	25.17	133.58	25.56	133.50	25.95
17	134.85	24.18	134.78	24.57	134.71	24.97	134.63	25.36	134.56	25.75	134.48	26.15
18	135.83	24.36	135.76	24.75	135.69	25.15	135.62	25.54	135.54	25.94	135.46	26.34
19	136.82	24.53	136.75	24.93	136.67	25.33	136.60	25.73	136.52	26.13	136.45	26.53
20	137.80	24.71	137.73	25.11	137.66	25.51	137.58	25.91	137.51	26.31	137.43	26.72
21	138.79	24.89	138.71	25.29	138.64	25.70	138.56	26.10	138.49	26.50	138.41	26.90
22	139.77	25.06	139.70	25.47	139.62	25.88	139.53	26.28	139.47	26.69	139.39	27.10
23	140.75	25.24	140.68	25.65	140.60	26.06	140.53	26.47	140.45	26.88	140.37	27.29
24	141.74	25.42	141.66	25.83	141.59	26.24	141.51	26.65	141.43	27.07	141.35	27.48
25	142.72	25.59	142.65	26.01	142.57	26.42	142.49	26.84	142.42	27.25	142.34	27.67
26	143.71	25.77	143.63	26.19	143.55	26.61	143.48	27.02	143.40	27.44	143.32	27.86
27	144.69	25.95	144.62	26.37	144.54	26.79	144.46	27.21	144.38	27.63	144.30	28.05
28	145.68	26.12	145.60	26.55	145.52	26.97	145.44	27.39	145.36	27.82	145.28	28.24
29	146.66	26.30	146.58	26.73	146.50	27.15	146.43	27.58	146.34	28.00	146.26	28.43
30	147.65	26.48	147.57	26.91	147.49	27.34	147.41	27.76	147.33	28.19	147.24	28.62
31	148.63	26.65	148.55	27.08	148.47	27.52	148.39	27.95	148.31	28.38	148.23	28.81
32	149.61	26.83	149.53	27.26	149.45	27.70	149.37	28.13	149.29	28.57	149.21	29.00
33	150.60	27.01	150.52	27.44	150.44	27.88	150.36	28.32	150.27	28.76	150.19	29.19
34	151.58	27.18	151.50	27.62	151.42	28.06	151.34	28.50	151.26	28.94	151.17	29.38
35	152.57	27.36	152.49	27.80	152.40	28.25	152.32	28.69	152.24	29.13	152.15	29.57
36	153.55	27.54	153.47	27.98	153.39	28.43	153.30	28.87	153.20	29.32	153.13	29.77
37	154.54	27.71	154.45	28.16	154.37	28.61	154.29	29.06	154.20	29.51	154.12	29.96
38	155.52	27.89	155.44	28.34	155.35	28.79	155.27	29.24	155.18	29.70	155.10	30.15
39	156.50	28.07	156.42	28.52	156.34	28.98	156.25	29.43	166.17	29.88	156.08	30.34
40	157.49	28.24	157.40	28.70	157.32	29.16	157.24	29.61	157.15	30.07	157.06	30.53
41	158.47	28.42	158.39	28.88	158.30	29.34	158.22	29.80	158.13	30.26	158.04	30.72
42	159.46	28.59	159.37	29.06	159.29	29.52	159.20	29.98	159.11	30.45	159.02	30.91
43	160.44	28.77	160.36	29.24	160.27	29.71	160.18	30.17	160.10	30.64	160.01	31.10
44	161.43	28.95	161.34	29.42	161.25	29.89	161.17	30.35	161.08	30.82	160.99	31.29
45	162.41	29.12	162.32	29.60	162.24	30.07	162.15	30.54	162.04	31.01	161.97	31.48
46	163.39	29.30	163.31	29.78	163.22	30.25	163.13	30.72	163.04	31.20	162.95	31.67
47	164.38	29.48	164.29	29.95	164.20	30.43	164.11	30.91	164.02	31.39	163.93	31.87
48	165.36	29.65	165.28	30.13	165.19	30.62	165.10	31.10	165.01	31.58	164.91	32.06
49	166.35	29.83	166.26	30.31	166.17	30.80	166.08	31.28	165.99	31.76	165.90	32.25
50	167.33	30.01	167.24	30.49	167.15	30.98	167.06	31.47	166.97	31.95	166.88	32.44
51	168.32	30.18	168.28	30.67	168.14	31.16	168.05	31.65	167.96	32.14	167.86	32.63
52	169.30	30.36	169.21	30.85	169.12	31.35	169.03	31.84	168.94	32.33	168.84	32.82
53	170.28	30.54	170.19	31.03	170.10	31.53	170.01	32.02	169.92	32.52	169.82	33.01
54	171.27	30.71	171.18	31.21	171.09	31.71	170.99	32.21	170.90	32.70	170.80	33.20
55	172.25	30.89	172.16	31.39	172.07	31.89	171.98	32.39	171.88	32.89	171.79	33.39
56	173.24	31.07	173.15	31.57	173.05	32.07	172.96	32.58	172.86	33.08	172.77	33.58
57	174.22	31.24	174.13	31.75	174.04	32.26	173.94	32.76	173.85	33.27	173.75	33.77
58	175.21	31.42	175.11	31.93	175.02	32.44	174.92	32.95	174.83	33.46	174.73	33.96
59	176.19	31.60	176.10	32.11	176.00	32.62	175.91	33.13	175.81	33.64	175.71	34.15
60	177.17	31.77	177.08	32.29	176.99	32.80	176.89	33.32	176.79	33.83	176.69	34.34
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Deg.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
181	178.16	31.95	178.06	32.47	177.97	32.99	177.87	33.50	177.77	34.02	177.68	34.54
82	179.14	32.12	179.05	32.65	178.95	33.17	178.86	33.69	178.76	34.21	178.66	34.73
83	180.13	32.30	180.03	32.82	179.93	33.35	179.84	33.87	179.74	34.39	179.64	34.92
84	181.11	32.48	181.02	33.00	180.92	33.53	180.82	34.06	180.72	34.58	180.62	35.11
85	182.10	32.65	182.00	33.18	181.90	33.71	181.80	34.24	181.70	34.77	181.60	35.30
86	183.08	32.83	182.98	33.36	182.88	33.90	182.79	34.43	182.69	34.96	182.58	35.49
87	184.06	33.01	183.97	33.54	183.87	34.08	183.77	34.61	183.67	35.15	183.56	35.68
88	185.05	33.18	184.95	33.72	184.85	34.26	184.75	34.80	184.65	35.33	184.55	35.87
89	186.03	33.36	185.93	33.90	185.83	34.44	185.73	34.98	185.63	35.52	185.53	36.06
190	187.02	33.54	186.92	34.08	186.82	34.63	186.72	35.17	186.61	35.71	186.51	36.25
91	188.00	33.71	187.90	34.26	187.80	34.81	187.70	35.35	187.60	35.90	187.49	36.44
92	188.99	33.89	188.89	34.44	188.78	34.99	188.68	35.54	188.58	36.09	188.47	36.64
93	189.97	34.07	189.87	34.62	189.77	35.17	189.66	35.72	189.56	36.27	189.45	36.83
94	190.95	34.24	190.85	34.80	190.75	35.35	190.65	35.91	190.54	36.46	190.44	37.02
95	191.94	34.42	191.84	34.98	191.73	35.54	191.63	36.09	191.52	36.65	191.42	37.21
96	192.92	34.60	192.82	35.16	192.72	35.72	192.61	36.28	192.51	36.84	192.40	37.40
97	193.91	34.77	193.80	35.34	193.70	35.90	193.60	36.46	193.49	37.03	193.38	37.59
98	194.89	34.95	194.79	35.52	194.68	36.08	194.58	36.65	194.47	37.21	194.36	37.78
99	195.88	35.13	195.77	35.69	195.67	36.27	195.56	36.83	195.45	37.40	195.34	37.97
200	196.86	35.30	196.76	35.87	196.65	36.45	196.54	37.02	196.44	37.59	196.33	38.16
01	197.84	35.48	197.74	36.05	197.63	36.63	197.53	37.20	197.42	37.78	197.31	38.35
02	198.83	35.66	198.72	36.23	198.62	36.81	198.51	37.39	198.40	37.97	198.29	38.54
03	199.81	35.83	199.71	36.41	199.60	36.99	199.49	37.57	199.38	38.15	199.27	38.73
04	200.80	36.01	200.69	36.59	200.58	37.18	200.47	37.76	200.36	38.34	200.25	38.93
05	201.78	36.18	201.67	36.77	201.57	37.36	201.46	37.94	201.35	38.53	201.23	39.12
06	202.77	36.36	202.66	36.95	202.55	37.54	202.44	38.13	202.33	38.72	202.22	39.31
07	203.75	36.54	203.64	37.13	203.53	37.72	203.42	38.31	203.31	38.91	203.20	39.50
08	204.73	36.71	204.63	37.31	204.52	37.91	204.41	38.50	204.29	39.09	204.18	39.69
09	205.72	36.89	205.61	37.49	205.50	38.09	205.39	38.68	205.28	39.28	205.16	39.88
210	206.70	37.07	206.59	37.67	206.48	38.27	206.37	38.87	206.26	39.47	206.14	40.07
11	207.69	37.24	207.58	37.85	207.47	38.45	207.35	39.05	207.24	39.66	207.12	40.26
12	208.67	37.42	208.56	38.03	208.45	38.63	208.34	39.24	208.22	39.85	208.11	40.45
13	209.66	37.60	209.55	38.21	209.43	38.82	209.32	39.42	209.20	40.03	209.09	40.64
14	210.64	37.77	210.53	38.39	210.42	39.00	210.30	39.61	210.19	40.22	210.07	40.83
15	211.62	37.95	211.51	38.56	211.40	39.18	211.28	39.79	211.17	40.41	211.05	41.02
16	212.61	38.13	212.50	38.74	212.38	39.36	212.27	39.98	212.15	40.60	212.03	41.21
17	213.59	38.30	213.48	38.92	213.37	39.55	213.25	40.16	213.13	40.79	213.01	41.41
18	214.58	38.48	214.46	39.10	214.35	39.73	214.23	40.35	214.12	40.97	214.00	41.60
19	215.56	38.66	215.45	39.28	215.33	39.91	215.22	40.53	215.10	41.16	214.98	41.79
220	216.55	38.83	216.43	39.46	216.82	40.09	216.20	40.72	216.08	41.35	215.96	41.98
21	217.53	39.01	217.42	39.64	217.30	40.28	217.18	40.90	217.06	41.54	216.94	42.17
22	218.51	39.19	218.40	39.82	218.28	40.46	218.16	41.09	218.04	41.72	217.92	42.36
23	219.50	39.36	219.38	40.00	219.26	40.64	219.15	41.28	219.03	41.91	218.90	42.55
24	220.48	39.54	220.37	40.18	220.25	40.82	220.13	41.46	220.01	42.10	219.89	42.74
25	221.47	39.71	221.35	40.36	221.23	41.00	221.11	41.65	220.99	42.29	220.87	42.93
26	222.45	39.89	222.33	40.54	222.21	41.19	222.09	41.83	221.97	42.48	221.85	43.12
27	223.44	40.07	223.32	40.72	223.20	41.37	223.08	42.02	222.95	42.66	222.83	43.31
28	224.42	40.24	224.30	40.90	224.18	41.55	224.06	42.20	223.94	42.85	223.81	43.50
29	225.40	40.42	225.29	41.08	225.16	41.73	225.04	42.39	224.92	43.04	224.79	43.70
230	226.39	40.60	226.27	41.26	226.15	41.92	226.03	42.57	225.90	43.23	225.77	43.89
31	227.37	40.77	227.25	41.43	227.13	42.10	227.01	42.76	226.88	43.42	226.76	44.08
32	228.36	40.95	228.24	41.61	228.11	42.28	227.99	42.94	227.87	43.60	227.74	44.27
33	229.34	41.13	229.22	41.79	229.10	42.46	228.97	43.13	228.85	43.79	228.72	44.46
34	230.33	41.30	230.20	41.97	230.08	42.64	229.96	43.31	229.83	43.98	229.70	44.65
35	231.31	41.48	231.19	42.15	231.06	42.83	230.94	43.50	230.81	44.17	230.68	44.84
36	232.29	41.66	232.17	42.34	232.05	43.01	231.92	43.68	231.79	44.36	231.66	45.03
37	233.28	41.83	233.16	42.51	233.03	43.19	232.90	43.87	232.78	44.54	232.65	45.22
38	234.26	42.01	234.14	42.69	234.01	43.37	233.89	44.05	233.76	44.73	233.63	45.41
39	235.25	42.19	235.12	42.87	235.00	43.56	234.87	44.24	234.74	44.92	234.61	45.60
240	236.23	42.36	236.11	43.05	235.98	43.74	235.85	44.42	235.72	45.11	235.59	45.79
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

JND.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	237.99	42.54	237.85	43.28	236.96	43.92	236.84	44.61	236.71	45.30	236.57	45.98
42	238.90	42.72	238.07	43.41	237.95	44.10	237.82	44.79	237.69	45.48	237.56	46.18
43	239.18	42.89	239.06	43.59	238.93	44.28	238.80	44.98	238.67	45.67	238.54	46.37
44	240.17	43.07	240.04	43.77	239.91	44.47	239.78	45.16	239.65	45.86	239.52	46.56
45	241.15	43.24	241.03	43.95	240.90	44.65	240.77	45.35	240.63	46.05	240.50	46.75
46	242.14	43.42	242.01	44.13	241.88	44.83	241.75	45.53	241.62	46.24	241.48	46.94
47	243.12	43.60	242.99	44.30	242.86	45.01	242.73	45.72	242.60	46.42	242.46	47.13
48	244.11	43.77	243.98	44.48	243.85	45.20	243.71	45.90	243.58	46.61	243.44	47.32
49	245.09	43.95	244.96	44.66	244.83	45.38	244.70	46.09	244.56	46.80	244.43	47.51
250	246.08	44.13	245.95	44.84	245.81	45.56	245.68	46.27	245.55	46.99	245.41	47.70
51	247.06	44.30	246.93	45.02	246.80	45.74	246.66	46.46	246.53	47.18	246.39	47.89
52	248.04	44.48	247.91	45.20	247.78	45.92	247.65	46.64	247.51	47.36	247.37	48.08
53	249.03	44.66	248.90	45.38	248.76	46.11	248.63	46.83	248.49	47.55	248.35	48.27
54	250.01	44.83	249.88	45.56	249.75	46.29	249.61	47.01	249.47	47.74	249.33	48.47
55	251.00	45.01	250.86	45.74	250.73	46.47	250.59	47.20	250.46	47.93	250.32	48.65
56	251.98	45.19	251.85	45.92	251.71	46.65	251.58	47.38	251.44	48.12	251.30	48.85
57	252.97	45.36	252.83	46.10	252.70	46.84	252.56	47.57	252.42	48.30	252.28	49.04
58	253.96	45.54	253.82	46.28	253.68	47.02	253.54	47.75	253.40	48.49	253.26	49.23
59	254.93	45.72	254.80	46.46	254.66	47.20	254.52	47.94	254.38	48.68	254.24	49.42
260	255.92	45.89	255.78	46.64	255.65	47.38	255.51	48.12	255.37	48.87	255.22	49.61
61	256.90	46.07	256.77	46.82	256.63	47.56	256.45	48.31	256.35	49.06	256.21	49.80
62	257.89	46.25	257.75	46.99	257.61	47.75	257.47	48.49	257.33	49.24	257.19	49.99
63	258.87	46.42	258.73	47.17	258.59	47.93	258.46	48.68	258.31	49.43	258.17	50.18
64	259.86	46.60	259.72	47.35	259.58	48.11	259.44	48.86	259.30	49.62	259.15	50.37
65	260.84	46.78	260.70	47.53	260.56	48.29	260.42	49.05	260.28	49.81	260.13	50.56
66	261.82	46.95	261.69	47.71	261.54	48.48	261.40	49.23	261.26	49.99	261.11	50.76
67	262.81	47.13	262.67	47.89	262.53	48.66	262.39	49.42	262.24	50.18	262.10	50.96
68	263.79	47.30	263.65	48.07	263.51	48.84	263.37	49.60	263.22	50.37	263.08	51.14
69	264.78	47.48	264.64	48.25	264.49	49.02	264.35	49.79	264.21	50.56	264.06	51.33
270	265.76	47.66	265.62	48.43	265.48	49.20	265.33	49.97	265.19	50.75	265.04	51.52
71	266.75	47.83	266.60	48.61	266.46	49.39	266.32	50.16	266.17	50.93	266.02	51.71
72	267.73	48.01	267.59	48.79	267.44	49.57	267.30	50.34	267.15	51.12	267.00	51.90
73	268.71	48.19	268.57	48.97	268.43	49.75	268.28	50.53	268.14	61.31	267.98	52.09
74	269.70	48.36	269.56	49.15	269.41	49.93	269.27	50.71	269.12	51.50	268.97	52.28
75	270.68	48.54	270.54	49.33	270.39	50.12	270.25	50.90	270.10	51.69	269.95	52.47
76	271.67	48.72	271.52	49.51	271.38	50.30	271.23	51.08	271.08	51.87	270.93	52.66
77	272.65	48.89	272.51	49.69	272.36	50.48	272.21	51.27	272.06	52.06	271.91	52.85
78	273.64	49.07	273.49	49.86	273.34	50.66	273.20	51.46	273.05	52.25	272.89	53.05
79	274.62	49.25	274.47	50.04	274.33	50.84	274.18	51.64	274.03	52.44	273.87	53.24
280	275.60	49.42	275.46	50.22	275.31	51.03	275.16	51.83	275.01	52.63	274.86	53.43
81	276.59	49.60	276.44	50.40	276.29	51.21	276.14	52.01	275.99	52.81	275.84	53.62
82	277.57	49.78	277.43	50.58	277.28	51.39	277.13	52.20	276.97	53.00	276.82	53.81
83	278.56	49.95	278.41	50.76	278.26	51.57	278.11	52.38	277.96	53.19	277.80	54.00
84	279.54	50.13	279.39	50.94	279.24	51.76	279.09	52.57	278.94	53.38	278.78	54.19
85	280.53	50.31	280.38	51.12	280.23	51.94	280.08	52.75	279.92	53.57	279.76	54.38
86	281.51	50.48	281.36	51.30	281.21	52.12	281.06	52.94	280.90	53.75	280.75	54.57
87	282.49	50.66	282.34	51.48	282.19	52.30	282.04	53.12	281.89	53.94	281.73	54.76
88	283.48	50.83	283.33	51.66	283.18	52.49	283.02	53.31	282.87	54.18	282.71	54.95
89	284.46	51.01	284.31	51.84	284.16	52.67	284.01	53.49	283.85	54.32	283.69	55.14
290	285.45	51.19	285.30	52.02	285.14	52.85	284.99	53.68	284.83	54.51	284.67	55.33
91	286.43	51.36	286.28	52.20	286.13	53.03	285.97	53.86	285.81	54.69	285.65	55.53
92	287.42	51.54	287.26	52.38	287.11	53.21	286.95	54.05	286.80	54.88	286.64	55.72
93	288.40	51.72	288.25	52.56	288.09	53.40	287.94	54.23	287.78	55.07	287.62	55.91
94	289.38	51.89	289.23	52.73	289.08	53.58	288.92	54.42	288.76	55.26	288.60	56.10
95	290.37	52.07	290.22	52.91	290.06	53.76	289.90	54.60	289.74	55.45	289.58	56.29
96	291.35	52.25	291.20	53.09	291.05	53.94	290.89	54.79	290.73	55.63	290.56	56.48
97	292.34	62.42	292.18	53.27	292.03	54.13	291.87	54.97	291.71	55.82	291.54	56.67
98	293.32	52.60	293.17	53.45	293.01	54.31	292.85	55.16	292.69	56.01	292.53	56.86
99	294.31	52.78	294.15	53.63	294.00	54.49	293.83	55.34	293.67	56.20	293.51	57.05
300	295.29	52.95	295.13	53.81	294.98	54.67	294.82	55.53	294.65	56.39	294.49	57.24

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10′		20′		30′		40′		50′		60′	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.98	0.19	0.98	0.20	0.98	0.20	0.98	0.20	0.98	0.20	0.98	0.21
2	1.96	0.39	1.96	0.39	1.96	0.40	1.96	0.40	1.96	0.41	1.96	0.42
3	2.94	0.58	2.94	0.59	2.94	0.60	2.94	0.61	2.94	0.62	2.93	0.63
4	3.92	0.77	3.92	0.79	3.92	0.80	3.92	0.81	3.92	0.82	3.91	0.83
5	4.91	0.97	4.90	0.98	4.90	1.00	4.90	1.01	4.89	1.03	4.89	1.04
6	5.89	1.16	5.88	1.18	5.88	1.20	5.88	1.21	5.87	1.23	5.87	1.25
7	6.87	1.36	6.86	1.38	6.86	1.40	6.86	1.42	6.85	1.44	6.85	1.46
8	7.85	1.55	7.84	1.57	7.84	1.59	7.83	1.62	7.83	1.64	7.83	1.66
9	8.83	1.74	8.82	1.77	8.82	1.79	8.81	1.82	8.81	1.85	8.80	1.87
10	9.81	1.94	9.81	1.97	9.80	1.99	9.79	2.02	9.79	2.05	9.78	2.08
11	10.79	2.13	10.79	2.16	10.78	2.19	10.77	2.22	10.77	2.26	10.76	2.29
12	11.77	2.32	11.77	2.36	11.76	2.39	11.75	2.43	11.74	2.46	11.74	2.49
13	12.75	2.52	12.75	2.56	12.74	2.59	12.73	2.63	12.72	2.67	12.72	2.70
14	13.73	2.71	13.73	2.75	13.72	2.79	13.71	2.83	13.70	2.87	13.69	2.91
15	14.72	2.90	14.71	2.95	14.70	2.99	14.69	3.03	14.68	3.08	14.67	3.12
16	15.70	3.10	15.69	3.14	15.68	3.19	15.67	3.24	15.66	3.28	15.65	3.33
17	16.68	3.29	16.67	3.34	16.66	3.39	16.65	3.44	16.64	3.49	16.63	3.53
18	17.66	3.49	17.65	3.54	17.64	3.59	17.63	3.64	17.62	3.69	17.61	3.74
19	18.64	3.68	18.63	3.73	18.62	3.79	18.61	3.84	18.60	3.90	18.58	3.95
20	19.62	3.87	19.61	3.93	19.60	3.99	19.59	4.04	19.57	4.10	19.56	4.16
21	20.60	4.07	20.59	4.13	20.58	4.19	20.57	4.25	20.55	4.31	20.54	4.37
22	21.58	4.26	21.57	4.32	21.56	4.39	21.55	4.45	21.53	4.51	21.52	4.57
23	22.56	4.45	22.55	4.52	22.54	4.59	22.52	4.65	22.51	4.72	22.50	4.78
24	23.55	4.65	23.53	4.72	23.52	4.78	23.50	4.85	23.49	4.92	23.48	4.99
25	24.53	4.84	24.51	4.91	24.50	4.98	24.48	5.06	24.47	5.13	24.45	5.20
26	25.51	5.04	25.49	5.11	25.48	5.18	25.46	5.26	25.45	5.33	25.43	5.41
27	26.49	5.23	26.47	5.31	26.46	5.38	26.44	5.46	26.43	5.54	26.41	5.61
28	27.47	5.42	27.45	5.50	27.44	5.58	27.42	5.66	27.40	5.74	27.39	5.82
29	28.45	5.62	28.43	5.70	28.42	5.78	28.40	5.86	28.38	5.95	28.37	6.03
30	29.43	5.81	29.42	5.90	29.40	5.98	29.38	6.07	29.36	6.15	29.34	6.24
31	30.41	6.00	30.40	6.09	30.38	6.18	30.36	6.27	30.34	6.36	30.32	6.45
32	31.39	6.20	31.38	6.29	31.36	6.38	31.34	6.47	31.32	6.56	31.30	6.65
33	32.38	6.39	32.36	6.49	32.34	6.58	32.32	6.67	32.30	6.77	32.28	6.86
34	33.36	6.58	33.34	6.68	33.32	6.78	33.30	6.88	33.28	6.97	33.26	7.07
35	34.34	6.78	34.32	6.88	34.30	6.98	34.28	7.08	34.26	7.18	34.24	7.28
36	35.32	6.97	35.30	7.07	35.28	7.18	35.26	7.28	35.23	7.39	35.21	7.48
37	36.30	7.17	36.28	7.27	36.26	7.38	36.24	7.48	36.21	7.59	36.19	7.69
38	37.28	7.36	37.26	7.47	37.24	7.58	37.21	7.69	37.19	7.79	37.17	7.90
39	38.26	7.55	38.24	7.66	38.22	7.78	38.19	7.89	38.17	8.00	38.15	8.11
40	39.24	7.75	39.22	7.86	39.20	7.97	39.17	8.09	39.15	8.20	39.13	8.32
41	40.22	7.94	40.20	8.06	40.18	8.17	40.15	8.29	40.13	8.41	40.10	8.52
42	41.20	8.13	41.18	8.25	41.16	8.37	41.13	8.49	41.11	8.61	41.08	8.73
43	42.19	8.33	42.16	8.45	42.14	8.57	42.11	8.70	42.09	8.82	42.06	8.94
44	43.17	8.52	43.14	8.65	43.12	8.77	43.09	8.90	43.06	9.02	43.04	9.15
45	44.15	8.71	44.12	8.84	44.10	8.97	44.07	9.10	44.04	9.23	44.02	9.36
46	45.13	8.91	45.10	9.04	45.08	9.17	45.05	9.30	45.02	9.43	44.99	9.56
47	46.11	9.10	46.08	9.24	46.06	9.37	46.03	9.50	46.00	9.64	45.97	9.77
48	47.09	9.30	47.06	9.43	47.04	9.57	47.01	9.71	46.98	9.84	46.95	9.98
49	48.07	9.49	48.04	9.63	48.02	9.77	47.99	9.91	47.96	10.05	47.93	10.19
50	49.05	9.68	49.03	9.83	49.00	9.97	48.97	10.11	48.94	10.25	48.91	10.40
51	50.03	9.88	50.01	10.02	49.98	10.17	49.95	10.31	49.92	10.46	49.89	10.60
52	51.02	10.07	50.99	10.22	50.96	10.37	50.93	10.52	50.89	10.66	50.86	10.81
53	52.00	10.26	51.97	10.42	51.94	10.57	51.91	10.72	51.87	10.87	51.84	11.02
54	52.98	10.46	52.95	10.61	52.92	10.77	52.88	10.92	52.85	11.07	52.82	11.23
55	53.96	10.65	53.93	10.81	53.90	10.97	53.86	11.12	53.83	11.28	53.80	11.44
56	54.94	10.84	54.91	11.01	54.88	11.16	54.84	11.32	54.81	11.48	54.78	11.64
57	55.92	11.04	55.89	11.20	55.86	11.36	55.82	11.53	55.79	11.69	55.75	11.85
58	56.90	11.23	56.87	11.40	56.84	11.56	56.80	11.73	56.77	11.89	56.73	12.06
59	57.89	11.43	57.85	11.59	57.82	11.76	57.78	11.93	57.75	12.10	57.71	12.27
60	58.86	11.62	58.83	11.79	58.80	11.96	58.76	12.13	58.72	12.30	58.69	12.47
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	59.85	11.81	59.81	11.99	59.78	12.16	59.74	12.34	59.70	12.51	59.67	12.68
62	60.83	12.01	60.79	12.18	60.76	12.36	60.72	12.54	60.68	12.71	60.65	12.89
63	61.81	12.20	61.77	12.38	61.73	12.56	61.70	12.74	61.66	12.92	61.62	13.10
64	62.79	12.39	62.75	12.58	62.71	12.76	62.68	12.94	62.64	13.12	62.60	13.31
65	63.77	12.59	63.73	12.77	63.69	12.96	63.66	13.14	63.62	13.33	63.58	13.51
66	64.75	12.78	64.71	12.97	64.67	13.16	64.64	13.35	64.60	13.53	64.56	13.72
67	65.73	12.98	65.69	13.17	65.65	13.36	65.62	13.55	65.58	13.74	65.54	13.93
68	66.71	13.17	66.67	13.36	66.63	13.56	66.59	13.75	66.55	13.94	66.51	14.14
69	67.69	13.36	67.65	13.56	67.61	13.76	67.57	13.95	67.53	14.15	67.49	14.35
70	68.67	13.56	68.64	13.76	68.59	13.96	68.55	14.16	68.51	14.35	68.47	14.55
71	69.66	13.75	69.62	13.95	69.57	14.16	69.53	14.36	69.49	14.56	69.45	14.76
72	70.64	13.94	70.60	14.15	70.55	14.35	70.51	14.56	70.47	14.76	70.43	14.97
73	71.62	14.14	71.58	14.35	71.53	14.55	71.49	14.76	71.45	14.97	71.40	15.18
74	72.60	14.33	72.56	14.54	72.51	14.75	72.47	14.96	72.43	15.17	72.38	15.39
75	73.58	14.52	73.54	14.74	73.49	14.95	73.45	15.17	73.41	15.38	73.36	15.59
76	74.56	14.72	74.52	14.94	74.47	15.15	74.43	15.37	74.38	15.59	74.34	15.80
77	75.54	14.91	75.50	15.13	75.45	15.35	75.41	15.57	75.36	15.79	75.32	16.01
78	76.52	15.11	76.48	15.33	76.43	15.55	76.39	15.77	76.34	16.00	76.30	16.22
79	77.50	15.30	77.46	15.53	77.41	15.75	77.37	15.98	77.32	16.20	77.27	16.43
80	78.49	15.49	78.44	15.72	78.39	15.95	78.35	16.18	78.30	16.41	78.25	16.63
81	79.47	15.69	79.42	15.92	79.37	16.15	79.33	16.38	79.28	16.61	79.23	16.84
82	80.45	15.88	80.40	16.11	80.35	16.35	80.31	16.58	80.26	16.82	80.21	17.05
83	81.43	16.07	81.38	16.31	81.33	16.55	81.28	16.78	81.24	17.02	81.19	17.26
84	82.41	16.27	82.36	16.51	82.31	16.75	82.26	16.99	82.21	17.23	82.16	17.46
85	83.39	16.46	83.34	16.70	83.29	16.95	83.24	17.19	83.19	17.43	83.14	17.67
86	84.37	16.65	84.32	16.90	84.27	17.15	84.22	17.39	84.17	17.64	84.12	17.88
87	85.35	16.85	85.30	17.10	85.25	17.35	85.20	17.59	85.15	17.84	85.10	18.09
88	86.33	17.04	86.28	17.29	86.23	17.54	86.18	17.80	86.13	18.05	86.08	18.30
89	87.32	17.24	87.26	17.49	87.21	17.74	87.16	18.00	87.11	18.25	87.06	18.50
90	88.30	17.43	88.25	17.69	88.19	17.94	88.14	18.20	88.09	18.46	88.03	18.71
91	89.28	17.62	89.23	17.88	89.17	18.14	89.12	18.40	89.07	18.66	89.01	18.92
92	90.26	17.82	90.21	18.08	90.15	18.34	90.10	18.60	90.04	18.87	89.99	19.13
93	91.24	18.01	91.19	18.28	91.13	18.54	91.08	18.81	91.02	19.07	90.97	19.34
94	92.22	18.20	92.17	18.47	92.11	18.74	92.06	19.01	92.00	19.28	91.95	19.54
95	93.20	18.40	93.15	18.67	93.09	18.94	93.04	19.21	92.98	19.48	92.92	19.75
96	94.18	18.59	94.13	18.87	94.07	19.14	94.02	19.41	93.96	19.69	93.90	19.96
97	95.16	18.79	95.11	19.06	95.05	19.34	95.00	19.62	94.94	19.89	94.88	20.17
98	96.14	18.98	96.09	19.26	96.03	19.54	95.97	19.82	95.92	20.10	95.86	20.38
99	97.13	19.17	97.07	19.46	97.01	19.74	96.95	20.02	96.90	20.30	96.84	20.58
100	98.11	19.37	98.05	19.65	97.99	19.94	97.93	20.22	97.87	20.51	97.81	20.79
01	99.09	19.56	99.03	19.85	98.97	20.14	98.91	20.42	98.85	20.71	98.79	21.00
02	100.07	19.75	100.01	20.05	99.95	20.34	99.89	20.63	99.83	20.92	99.77	21.21
03	101.05	19.95	100.99	20.24	100.93	20.54	100.87	20.83	100.81	21.12	100.75	21.41
04	102.03	20.14	101.97	20.44	101.91	20.73	101.85	21.03	101.79	21.33	101.73	21.62
05	103.01	20.33	102.95	20.63	102.89	20.93	102.83	21.23	102.77	21.53	102.71	21.83
06	103.99	20.53	103.93	20.83	103.87	21.13	103.81	21.44	103.75	21.74	103.68	22.04
07	104.97	20.72	104.91	21.03	104.85	21.33	104.79	21.64	104.73	21.94	104.66	22.25
08	105.96	20.92	105.89	21.22	105.83	21.53	105.77	21.84	105.70	22.15	105.64	22.45
09	106.94	21.11	106.87	21.42	106.81	21.73	106.75	22.04	106.68	22.35	106.62	22.66
110	107.92	21.30	107.86	21.62	107.79	21.93	107.73	22.24	107.66	22.56	107.60	22.87
11	108.90	21.50	108.84	21.81	108.77	22.13	108.71	22.45	108.64	22.76	108.57	23.08
12	109.88	21.69	109.82	22.01	109.75	22.33	109.69	22.65	109.62	22.97	109.55	23.29
13	110.86	21.88	110.80	22.21	110.73	22.53	110.67	22.85	110.60	23.17	110.53	23.49
14	111.84	22.08	111.78	22.40	111.71	22.73	111.64	23.05	111.58	23.38	111.51	23.70
15	112.82	22.27	112.76	22.60	112.69	22.93	112.62	23.26	112.56	23.58	112.49	23.91
16	113.80	22.46	113.74	22.80	113.67	23.13	113.60	23.46	113.53	23.79	113.47	24.12
17	114.79	22.66	114.72	22.99	114.65	23.33	114.58	23.66	114.51	23.99	114.44	24.33
18	115.77	22.85	115.70	23.19	115.63	23.53	115.56	23.86	115.49	24.20	115.42	24.53
19	116.75	23.05	116.68	23.39	116.61	23.73	116.54	24.06	116.47	24.40	116.40	24.74
120	117.73	23.24	117.66	23.58	117.59	23.92	117.52	24.27	117.45	24.61	117.38	24.95

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	118.71	23.43	118.64	23.78	118.57	24.12	118.50	24.47	118.43	24.81	118.36	25.16
22	119.69	23.63	119.62	23.98	119.55	24.32	119.48	24.67	119.41	25.02	119.33	25.36
23	120.67	23.82	120.60	24.17	120.53	24.52	120.46	24.87	120.39	25.22	120.31	25.57
24	121.65	24.01	121.58	24.37	121.51	24.72	121.44	25.08	121.36	25.43	121.29	25.78
25	122.63	24.21	122.56	24.57	122.49	24.92	122.42	25.28	122.34	25.63	122.27	25.99
26	123.61	24.40	123.54	24.76	123.47	25.12	123.40	25.48	123.32	25.84	123.25	26.20
27	124.60	24.59	124.52	24.96	124.45	25.32	124.38	25.68	124.30	26.04	124.22	26.40
28	125.58	24.79	125.50	25.15	125.43	25.52	125.35	25.88	125.28	26.25	125.20	26.61
29	126.56	24.98	126.48	25.35	126.41	25.72	126.33	26.09	126.26	26.45	126.18	26.82
130	127.54	25.18	127.47	25.55	127.39	25.92	127.31	26.29	127.24	26.66	127.16	27.03
31	128.52	25.37	128.45	25.74	128.37	26.12	128.29	26.49	128.22	26.86	128.14	27.24
32	129.50	25.56	129.43	25.94	129.35	26.32	129.27	26.69	129.19	27.07	129.12	27.44
33	130.48	25.76	130.41	26.14	130.33	26.52	130.25	26.89	130.17	27.27	130.09	27.65
34	131.46	25.95	131.39	26.33	131.31	26.72	131.23	27.10	131.15	27.48	131.07	27.86
35	132.44	26.14	132.37	26.53	132.29	26.91	132.21	27.30	132.13	27.68	132.05	28.07
36	133.43	26.34	133.35	26.73	133.27	27.11	133.19	27.50	133.11	27.89	133.03	28.28
37	134.41	26.53	134.33	26.92	134.25	27.31	134.17	27.70	134.09	28.09	134.01	28.48
38	135.39	26.73	135.31	27.12	135.23	27.51	135.15	27.91	135.07	28.30	134.98	28.69
39	136.37	26.92	136.29	27.32	136.21	27.71	136.13	28.11	136.05	28.50	135.96	28.90
140	137.35	27.11	137.27	27.51	137.19	27.91	137.11	28.31	137.02	28.71	136.94	29.11
41	138.33	27.31	138.25	27.71	138.17	28.11	138.09	28.51	138.00	28.91	137.92	29.32
42	139.31	27.50	139.23	27.91	139.15	28.31	139.07	28.71	138.98	29.12	138.90	29.52
43	140.29	27.69	140.21	28.10	140.13	28.51	140.04	28.92	139.96	29.32	139.88	29.73
44	141.27	27.89	141.19	28.30	141.11	28.71	141.02	29.12	140.94	29.53	140.85	29.94
45	142.26	28.08	142.17	28.50	142.09	28.91	142.00	29.32	141.92	29.73	141.83	30.15
46	143.24	28.27	143.15	28.69	143.07	29.11	142.98	29.52	142.90	29.94	142.81	30.36
47	144.22	28.47	144.13	28.89	144.05	29.31	143.96	29.73	143.88	30.14	143.79	30.56
48	145.20	28.66	145.11	29.08	145.03	29.51	144.94	29.93	144.85	30.35	144.77	30.77
49	146.18	28.86	146.09	29.28	146.01	29.71	145.92	30.13	145.83	30.55	145.74	30.98
150	147.16	29,05	147.08	29.48	146.99	29.91	146.90	30.33	146.81	30.76	146.72	31.19
51	148.14	29,24	148.06	29.67	147.97	30.10	147.88	30.53	147.79	30.96	147.70	31.39
52	149.12	29.44	149.04	29.87	148.95	30,30	148,86	30.74	148.77	31.17	148.68	31.60
53	150.10	29,63	150.02	30.07	149.93	30.50	149.84	30.94	149.75	31.38	149.66	31.81
54	151.08	29.82	151.00	30.26	150.91	30.70	150.82	31.14	150.73	31.58	150.63	32.02
55	152.07	30.02	151.98	30.46	151.89	30.90	151.80	31.34	151.71	31.79	151.61	32.23
56	153.05	30.21	152.96	30.66	152.87	31.10	152.78	31,55	152.68	31.99	152.59	32.43
57	154.03	30.40	153.94	30.85	153.85	31.30	153.76	31.75	153.66	32.20	153.57	32.64
58	155.01	30.60	154.92	31.05	154.83	31.50	154.73	31.95	154.64	32.40	154.55	32.85
59	155.99	30.79	155.90	31.25	155.81	31.70	155.71	32.15	155.62	32.61	155.53	33.06
160	156.97	30.99	156.88	31.44	156.79	31.90	156.69	32.35	156.60	32.81	156.50	33.27
61	157.95	31.18	157.86	31.64	157.77	32.10	157.67	32.56	157.58	33.02	157.48	33.47
62	158.93	31.37	158.84	31.84	158.75	32.30	158.65	32.76	158.56	33.22	158.46	33.68
63	159.91	31.57	159.82	32.03	159.73	32.50	159.63	32.96	159.54	33.43	159.44	33.89
64	160.90	31.76	160.80	32.23	160.71	32.70	160.61	33.16	160.51	33.63	160.42	34.10
65	161.88	31.95	161.78	32.43	161.69	32.90	161.59	33.37	161.49	33.84	161.39	34.31
66	162.86	32.15	162.76	32.62	162.67	33.10	162.57	33.57	162.47	34.04	162.37	34.51
67	163.84	32.34	163.74	32.82	163.65	33.29	163.55	33.77	163.45	34.25	163.35	34.72
68	164.82	32.53	164.72	33.02	164.63	33.49	164.53	33.97	164.43	34.45	164.33	34.93
69	165.80	32.73	165.70	33.21	165.61	33.69	165.51	34.17	165.41	34.66	165.31	35.14
170	166.78	32.92	166.69	33.41	166.59	33.89	166.49	34.38	166.39	34.86	166.29	35.35
71	167.76	33.12	167.67	33.60	167.57	34.09	167.47	34.58	167.37	35.07	167.26	35.55
72	168.74	33.31	168.65	33.80	168.55	34.29	168.45	34.78	168.34	35.27	168.24	35.76
73	169.73	33.50	169.63	34.00	169.53	34.49	169.43	34.98	169.32	35.48	169.22	35.97
74	170.71	33.70	170.61	34.19	170.51	34.69	170.40	35.19	170.30	35.68	170.20	36.18
75	171.69	33.89	171.59	34.39	171.49	34.89	171.38	35.39	171.28	35.89	171.18	36.38
76	172.67	34.08	172.57	34.59	172.47	35.09	172.36	35.59	172.26	36.09	172.15	36.59
77	173.65	34.28	173.55	34.78	173.45	35.29	173.34	35.79	173.24	36.30	173.13	36.80
78	174.63	34.47	174.53	34.98	174.43	35.49	174.32	35.99	174.22	36.50	174.11	37.01
79	175.61	34.67	175.51	35.18	175.41	35.69	175.30	36.20	175.20	36.71	175.09	37.22
180	176.59	34.86	176.49	35.37	176.39	35.89	176.28	36.40	176.17	36.91	176.07	37.42
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Gr.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	177.57	35.05	177.47	35.57	177.37	36.09	177.26	36.60	177.15	37.12	177.04	37.63
82	178.55	35.25	178.45	35.77	178.35	36.29	178.24	36.80	178.13	37.32	178.02	37.84
83	179.54	35.44	179.43	35.96	179.33	36.48	179.22	37.01	179.11	37.53	179.00	38.05
84	180.52	35.63	180.41	36.16	180.31	36.68	180.20	37.21	180.09	37.73	179.98	38.26
85	181.50	35.83	181.39	36.36	181.29	36.88	181.18	37.41	181.07	37.94	180.96	38.46
86	182.48	36.02	182.37	36.55	182.27	37.08	182.16	37.61	182.05	38.14	181.94	38.67
87	183.46	36.21	183.35	36.75	183.25	37.28	183.14	37.81	183.03	38.35	182.91	38.88
88	184.44	36.41	184.33	36.95	184.22	37.48	184.11	38.02	184.00	38.55	183.89	39.09
89	185.42	36.60	185.31	37.14	185.20	37.68	185.09	38.22	184.98	38.76	184.87	39.30
190	186.40	36.80	186.30	37.34	186.18	37.88	186.07	38.42	185.96	38.96	185.85	39.50
91	187.38	36.99	187.28	37.54	187.16	38.08	187.05	38.62	186.94	39.17	186.83	39.71
92	188.37	37.18	188.26	37.73	188.14	38.28	188.03	38.83	187.92	39.37	187.80	39.92
93	189.35	37.38	189.24	37.93	189.12	38.48	189.01	39.03	188.90	39.58	188.78	40.13
94	190.33	37.57	190.22	38.12	190.10	38.68	189.99	39.23	189.88	39.78	189.76	40.33
95	191.31	37.76	191.20	38.32	191.08	38.88	190.97	39.43	190.86	39.99	190.74	40.54
96	192.29	37.96	192.18	38.52	192.06	39.08	191.95	39.63	191.83	40.19	191.72	40.75
97	193.27	38.15	193.16	38.71	193.04	39.28	192.93	39.84	192.81	40.40	192.70	40.96
98	194.25	38.34	194.14	38.91	194.02	39.48	193.91	40.04	193.79	40.60	193.67	41.17
99	195.23	38.54	195.12	39.11	195.00	39.67	194.89	40.24	194.77	40.81	194.65	41.37
200	196.21	38.73	196.10	89.30	195.98	39.87	195.87	40.44	195.75	41.01	195.63	41.58
01	197.19	38.93	197.08	39.50	196.96	40.07	196.85	40.65	196.73	41.22	196.61	41.79
02	198.18	39.12	198.06	39.70	197.94	40.27	197.83	40.85	197.71	41.42	197.59	42.00
03	199.16	39.31	199.04	39.89	198.92	40.47	198.80	41.05	198.69	41.63	198.56	42.21
04	200.14	39.51	200.02	40.09	199.90	40.67	199.78	41.25	199.66	41.83	199.54	42.41
05	201.12	39.70	201.00	40.29	200.88	40.87	200.76	41.45	200.64	42.04	200.52	42.62
06	202.10	39.89	201.98	40.48	201.86	41.07	201.74	41.66	201.62	42.24	201.50	42.83
07	203.08	40.09	202.96	40.68	202.84	41.27	202.72	41.86	202.60	42.45	202.48	43.04
08	204.06	40.28	203.94	40.88	203.82	41.47	203.70	42.06	203.58	42.65	203.45	43.25
09	205.04	40.47	204.92	41.07	204.80	41.67	204.68	42.26	204.56	42.86	204.43	43.45
210	206.02	40.67	205.91	41.27	205.78	41.87	205.66	42.47	205.54	43.06	205.41	43.66
11	207.01	40.86	206.89	41.47	206.76	42.07	206.64	42.67	206.52	43.27	206.39	43.87
12	207.99	41.06	207.87	41.66	207.74	42.27	207.62	42.87	207.49	43.47	207.37	44.08
13	208.97	41.25	208.85	41.86	208.72	42.47	208.60	43.07	208.47	43.68	208.35	44.29
14	209.95	41.44	209.83	42.06	209.70	42.67	209.58	43.27	209.45	43.88	209.32	44.49
15	210.93	41.64	210.81	42.25	210.68	42.86	210.56	43.48	210.43	44.09	210.30	44.70
16	211.91	41.83	211.79	42.45	211.66	43.06	211.54	43.68	211.41	44.29	211.28	44.91
17	212.89	42.02	212.77	42.64	212.64	43.26	212.52	43.88	212.39	44.50	212.26	45.12
18	213.87	42.22	213.75	42.84	213.62	43.46	213.49	44.08	213.37	44.70	213.24	45.32
19	214.85	42.41	214.73	43.04	214.60	43.66	214.47	44.29	214.35	44.91	214.21	45.53
220	215.84	42.61	215.71	43.23	215.58	43.86	215.45	44.49	215.32	45.11	215.19	45.74
21	216.82	42.80	216.69	43.43	216.56	44.06	216.43	44.69	216.30	45.32	216.17	45.95
22	217.80	42.99	217.67	43.63	217.54	44.26	217.41	44.89	217.28	45.52	217.15	46.16
23	218.78	43.19	218.65	43.82	218.52	44.46	218.39	45.09	218.26	45.73	218.13	46.36
24	219.76	43.38	219.63	44.02	219.50	44.66	219.37	45.30	219.24	45.93	219.11	46.57
25	220.74	43.57	220.61	44.22	220.48	44.86	220.35	45.50	220.22	46.14	220.08	46.78
26	221.72	43.77	221.59	44.41	221.46	45.06	221.33	45.70	221.20	46.34	221.06	46.99
27	222.70	43.96	222.57	44.61	222.44	45.26	222.31	45.90	222.18	46.55	222.04	47.20
28	223.68	44.15	223.55	44.81	223.42	45.46	223.29	46.11	223.15	46.76	223.02	47.40
29	224.66	44.35	224.53	45.00	224.40	45.66	224.27	46.31	224.13	46.96	224.00	47.61
230	225.65	44.54	225.52	45.20	225.38	45.86	225.25	46.51	225.11	47.17	224.97	47.82
31	226.63	44.74	226.50	45.40	226.36	46.05	226.23	46.71	226.09	47.37	225.95	48.03
32	227.61	44.93	227.48	45.59	227.34	46.25	227.21	46.91	227.07	47.58	226.93	48.24
33	228.59	45.12	228.46	45.79	228.32	46.45	228.19	47.12	228.05	47.78	227.91	48.44
34	229.57	45.32	229.44	45.99	229.30	46.65	229.16	47.32	229.03	47.99	228.89	48.65
35	230.55	45.51	230.42	46.18	230.28	46.85	230.14	47.52	230.01	48.19	229.86	48.86
36	231.53	45.70	231.40	46.38	231.26	47.05	231.12	47.72	230.98	48.40	230.84	49.07
37	232.51	45.90	232.38	46.58	232.24	47.25	232.10	47.93	231.96	48.60	231.82	49.28
38	233.49	46.09	233.36	46.77	233.22	47.45	233.08	48.13	232.94	48.81	232.80	49.48
39	234.48	46.28	234.34	46.97	234.20	47.65	234.06	48.33	233.92	49.01	233.78	49.69
240	235.46	46.48	235.32	47.16	235.18	47.85	235.04	48.53	234.90	49.22	234.76	49.90

	D. L.	D. L.	D. L.	D. L.	D. L.	D. L.
	50'	40'	30'	20'	10'	0'

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	236.44	46.67	236.30	47.36	236.16	48.05	236.02	48.73	235.88	49.42	235.73	50.11
42	237.42	46.86	237.28	47.56	237.14	48.25	237.00	48.94	236.86	49.63	236.71	50.31
43	238.40	47.06	238.26	47.75	238.12	48.45	237.98	49.14	237.84	49.83	237.69	50.52
44	239.38	47.25	239.24	47.95	239.10	48.65	238.96	49.34	238.81	50.04	238.67	50.73
45	240.36	47.45	240.22	48.15	240.08	48.85	239.94	49.54	239.79	50.24	239.65	50.94
46	241.34	47.64	241.20	48.34	241.06	49.05	240.92	49.75	240.77	50.45	240.62	51.15
47	242.32	47.83	242.18	48.54	242.04	49.24	241.90	49.95	241.75	50.65	241.60	51.35
48	243.31	48.03	243.16	48.74	243.02	49.44	242.87	50.15	242.73	50.86	242.58	51.56
49	244.29	48.22	244.14	48.93	244.00	49.64	243.85	50.35	243.71	51.06	243.56	51.77
250	245.27	48.42	245.13	49.13	244.98	49.84	244.83	50.55	244.69	51.27	244.54	51.98
51	246.25	48.61	246.11	49.33	245.96	50.04	245.81	50.76	245.67	51.47	245.52	52.19
52	247.23	48.80	247.09	49.52	246.94	50.24	246.79	50.96	246.64	51.68	246.49	52.39
53	248.21	49.00	248.07	49.72	247.92	50.44	247.77	51.16	247.62	51.88	247.47	52.60
54	249.19	49.19	249.05	49.92	248.90	50.64	248.75	51.36	248.60	52.09	248.45	52.81
55	250.17	49.38	250.03	50.11	249.88	50.84	249.73	51.57	249.58	52.29	249.43	53.02
56	251.15	49.58	251.01	50.31	250.86	51.04	250.71	51.77	250.56	52.50	250.41	53.23
57	252.13	49.77	251.99	50.51	251.84	51.24	251.69	51.97	251.54	52.70	251.38	53.43
58	253.12	49.96	252.97	50.70	252.82	51.44	252.67	52.17	252.52	52.91	252.36	53.64
59	254.10	50.16	253.95	50.90	253.80	51.64	253.65	52.37	253.50	53.11	253.34	53.85
260	255.08	50.35	254.93	51.10	254.78	51.84	254.63	52.58	254.47	53.32	254.82	54.06
61	256.06	50.55	255.91	51.29	255.76	52.04	255.61	52.78	255.45	53.52	255.30	54.27
62	257.04	50.74	256.89	51.49	256.74	52.23	256.59	52.98	256.43	53.73	256.27	54.47
63	258.02	50.93	257.87	51.68	257.72	52.43	257.56	53.18	257.41	53.93	257.25	54.68
64	259.00	51.13	258.85	51.88	258.70	52.63	258.54	53.39	258.39	54.14	258.23	54.89
65	259.98	51.32	259.83	52.08	259.68	52.83	259.52	53.59	259.37	54.34	259.21	55.10
66	260.96	51.51	260.81	52.27	260.66	53.03	260.50	53.79	260.35	54.55	260.19	55.30
67	261.95	51.71	261.79	52.47	261.64	53.23	261.48	53.99	261.33	54.75	261.17	55.51
68	262.93	51.90	262.77	52.67	262.62	53.43	262.46	54.19	262.30	54.96	262.14	55.72
69	263.91	52.09	263.75	52.86	263.60	53.63	263.44	54.40	263.28	55.16	263.12	55.93
270	264.89	52.29	264.74	53.06	264.58	53.83	264.42	54.60	264.26	55.37	264.10	56.14
71	265.87	52.48	265.72	53.26	265.56	54.03	265.40	54.80	265.24	55.57	265.08	56.34
72	266.85	52.68	266.70	53.45	266.54	54.23	266.38	55.00	266.22	55.78	266.06	56.55
73	267.83	52.87	267.68	53.65	267.52	54.43	267.36	55.21	267.20	55.98	267.03	56.76
74	268.81	53.06	268.66	53.85	268.50	54.63	268.34	55.41	268.18	56.19	268.01	56.97
75	269.79	53.26	269.64	54.04	269.48	54.83	269.32	55.61	269.16	56.39	268.99	57.18
76	270.78	53.45	270.62	54.24	270.46	55.03	270.30	55.81	270.13	56.60	269.97	57.38
77	271.76	53.64	271.60	54.44	271.44	55.23	271.28	56.01	271.11	56.80	270.95	57.59
78	272.74	53.84	272.58	54.63	272.42	55.42	272.25	56.22	272.09	57.01	271.93	57.80
79	273.72	54.03	273.56	54.83	273.40	55.62	273.23	56.42	273.07	57.21	272.90	58.01
280	274.70	54.22	274.54	55.03	274.38	55.82	274.21	56.62	274.05	57.42	273.88	58.22
81	275.68	54.42	275.52	55.22	275.36	56.02	275.19	56.82	275.03	57.62	274.86	58.42
82	276.66	54.61	276.50	55.42	276.34	56.22	276.17	57.03	276.01	57.83	275.84	58.63
83	277.64	54.81	277.48	55.62	277.32	56.42	277.15	57.23	276.99	58.03	276.82	58.84
84	278.62	55.00	278.46	55.81	278.30	56.62	278.13	57.43	277.96	58.24	277.79	59.05
85	279.60	55.19	279.44	56.01	279.28	56.82	279.11	57.63	278.94	58.44	278.77	59.25
86	280.59	55.39	280.42	56.20	280.26	57.02	280.09	57.83	279.92	58.65	279.75	59.46
87	281.57	55.58	281.40	56.40	281.24	57.22	281.07	58.04	280.90	58.85	280.73	59.67
88	282.55	55.77	282.38	56.60	282.22	57.42	282.05	58.24	281.88	59.06	281.71	59.88
89	283.53	55.97	283.36	56.79	283.20	57.62	283.03	58.44	282.86	59.26	282.68	60.09
290	284.51	56.16	284.35	56.99	284.18	57.82	284.01	58.64	283.84	59.47	283.66	60.29
91	285.49	56.36	285.33	57.19	285.16	58.02	284.99	58.85	284.82	59.67	284.64	60.50
92	286.47	56.55	286.31	57.38	286.14	58.22	285.97	59.05	285.79	59.88	285.62	60.71
93	287.45	56.74	287.29	57.58	287.12	58.42	286.95	59.25	286.77	60.08	286.60	60.92
94	288.43	56.94	288.27	57.78	288.10	58.61	287.92	59.45	287.75	60.29	287.58	61.13
95	289.42	57.13	289.25	57.97	289.08	58.81	288.90	59.65	288.73	60.49	288.55	61.33
96	290.40	57.32	290.23	58.17	290.06	59.01	289.88	59.86	289.71	60.70	289.53	61.54
97	291.38	57.52	291.21	58.37	291.04	59.21	290.86	60.06	290.69	60.90	290.51	61.75
98	292.36	57.71	292.19	58.56	292.02	59.41	291.84	60.26	291.67	61.11	291.49	61.96
99	293.34	57.90	293.17	58.76	293.00	59.61	292.82	60.46	292.65	61.31	292.47	62.17
300	294.32	58.10	294.15	58.96	293.98	59.81	293.80	60.67	293.62	61.52	293.44	62.37

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10'		20'		30'		40'		50'		60'	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.98	0.21	0.98	0.21	0.98	0.22	0.98	0.22	0.98	0.22	0.97	0.23
2	1.96	0.42	1.95	0.43	1.95	0.43	1.95	0.44	1.95	0.44	1.95	0.45
3	2.93	0.63	2.93	0.64	2.93	0.65	2.93	0.66	2.93	0.67	2.92	0.67
4	3.91	0.84	3.91	0.85	3.91	0.87	3.90	0.88	3.90	0.89	3.90	0.90
5	4.89	1.05	4.88	1.07	4.88	1.08	4.88	1.10	4.88	1.11	4.87	1.12
6	5.87	1.26	5.86	1.28	5.86	1.30	5.85	1.32	5.85	1.33	5.75	1.35
7	6.84	1.48	6.84	1.50	6.83	1.52	6.83	1.53	6.83	1.55	6.82	1.57
8	7.82	1.69	7.82	1.71	7.81	1.73	7.81	1.75	7.80	1.78	7.79	1.80
9	8.80	1.90	8.79	1.92	8.79	1.95	8.78	1.97	8.78	2.00	8.77	2.02
10	9.78	2.11	9.77	2.14	9.76	2.16	9.76	2.19	9.75	2.22	9.74	2.25
11	10.75	2.32	10.75	2.35	10.74	2.38	10.73	2.41	10.73	2.44	10.72	2.47
12	11.73	2.53	11.72	2.56	11.72	2.60	11.71	2.63	11.70	2.66	11.69	2.70
13	12.71	2.74	12.70	2.78	12.69	2.81	12.68	2.85	12.68	2.88	12.67	2.92
14	13.69	2.95	13.68	2.99	13.67	3.03	13.66	3.07	13.65	3.11	13.64	3.15
15	14.66	3.16	14.65	3.20	14.64	3.25	14.63	3.29	14.63	3.33	14.62	3.37
16	15.64	3.37	15.63	3.42	15.62	3.46	15.61	3.51	15.60	3.55	15.59	3.60
17	16.62	3.58	16.61	3.63	16.60	3.68	16.59	3.73	16.58	3.78	16.56	3.82
18	17.60	3.79	17.58	3.84	17.57	3.90	17.56	3.95	17.55	4.00	17.54	4.05
19	18.57	4.00	18.56	4.06	18.55	4.11	18.54	4.17	18.53	4.22	18.51	4.27
20	19.55	4.22	19.54	4.27	19.53	4.33	19.51	4.39	19.50	4.44	19.49	4.50
21	20.53	4.43	20.52	4.48	20.50	4.55	20.49	4.60	20.48	4.67	20.46	4.72
22	21.51	4.64	21.49	4.70	21.48	4.76	21.46	4.82	21.45	4.89	21.44	4.95
23	22.48	4.85	22.47	4.91	22.45	4.98	22.44	5.04	22.43	5.11	22.41	5.17
24	23.46	5.06	23.45	5.13	23.43	5.19	23.42	5.26	23.40	5.33	23.38	5.40
25	24.44	5.27	24.42	5.34	24.41	5.41	24.39	5.48	24.38	5.55	24.36	5.62
26	25.42	5.48	25.40	5.55	25.38	5.63	25.37	5.70	25.35	5.78	25.33	5.85
27	26.39	5.69	26.38	5.77	26.36	5.84	26.34	5.92	26.33	6.00	26.31	6.07
28	27.37	5.90	27.35	5.98	27.34	6.06	27.32	6.14	27.30	6.22	27.28	6.30
29	28.35	6.11	28.33	6.19	28.31	6.28	28.29	6.36	28.28	6.44	28.26	6.52
30	29.33	6.32	29.31	6.41	29.29	6.49	29.27	6.58	29.25	6.66	29.23	6.75
31	30.30	6.53	30.28	6.62	30.27	6.71	30.25	6.80	30.23	6.89	30.21	6.97
32	31.28	6.74	31.26	6.84	31.24	6.93	31.22	7.02	31.20	7.11	31.18	7.20
33	32.26	6.95	32.24	7.05	32.22	7.14	32.20	7.24	32.18	7.33	32.15	7.42
34	33.24	7.17	33.22	7.26	33.19	7.36	33.17	7.46	33.15	7.55	33.13	7.65
35	34.21	7.38	34.19	7.48	34.17	7.58	34.15	7.67	34.13	7.78	34.10	7.87
36	35.19	7.59	35.17	7.69	35.15	7.79	35.12	7.89	35.10	8.00	35.08	8.10
37	36.17	7.80	36.15	7.90	36.12	8.01	36.10	8.11	36.08	8.22	36.05	8.32
38	37.15	8.01	37.12	8.12	37.10	8.22	37.07	8.33	37.05	8.44	37.03	8.55
39	38.12	8.22	38.10	8.33	38.08	8.44	38.05	8.55	38.03	8.66	38.00	8.77
40	39.10	8.43	39.08	8.54	39.05	8.66	39.03	8.77	39.00	8.89	38.97	9.00
41	40.08	8.64	40.05	8.76	40.03	8.87	40.00	8.99	39.98	9.11	39.95	9.22
42	41.06	8.85	41.03	8.97	41.00	9.09	40.98	9.21	40.95	9.33	40.92	9.45
43	42.03	9.06	42.01	9.18	41.98	9.31	41.95	9.43	41.93	9.55	41.90	9.67
44	43.01	9.27	42.98	9.40	42.96	9.52	42.93	9.65	42.90	9.77	42.87	9.90
45	43.99	9.48	43.96	9.61	43.93	9.74	43.90	9.87	43.88	10.00	43.85	10.12
46	44.97	9.69	44.94	9.83	44.91	9.96	44.88	10.09	44.85	10.22	44.82	10.35
47	45.94	9.91	45.92	10.04	45.89	10.17	45.86	10.31	45.83	10.44	45.80	10.57
48	46.92	10.12	46.89	10.25	46.86	10.39	46.83	10.53	46.80	10.66	46.77	10.80
49	47.90	10.33	47.87	10.47	47.84	10.61	47.81	10.74	47.78	10.88	47.74	11.02
50	48.88	10.54	48.85	10.68	48.81	10.82	48.78	10.96	48.75	11.11	48.72	11.25
51	49.85	10.75	49.82	10.89	49.79	11.04	49.76	11.18	49.73	11.33	49.69	11.47
52	50.83	10.96	50.80	11.11	50.77	11.25	50.73	11.40	50.70	11.55	50.67	11.70
53	51.81	11.17	51.78	11.32	51.74	11.47	51.71	11.62	51.68	11.77	51.64	11.92
54	52.79	11.38	52.75	11.53	52.72	11.69	52.69	11.84	52.65	11.99	52.62	12.15
55	53.76	11.59	53.73	11.75	53.70	11.90	53.66	12.06	53.63	12.22	53.59	12.37
56	54.74	11.80	54.71	11.96	54.67	12.12	54.64	12.28	54.60	12.44	54.57	12.60
57	55.72	12.01	55.68	12.18	55.65	12.34	55.61	12.50	55.58	12.66	55.54	12.82
58	56.70	12.22	56.66	12.39	56.62	12.55	56.59	12.72	56.55	12.88	56.51	13.05
59	57.67	12.43	57.64	12.60	57.60	12.77	57.56	12.94	57.53	13.10	57.49	13.27
60	58.65	12.65	58.62	12.82	58.58	12.99	58.54	13.16	58.50	13.33	58.46	13.50

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

M.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	59.63	12.86	59.59	13.03	59.55	13.20	59.52	13.38	59.48	13.55	59.44	13.72
62	60.61	13.07	60.57	13.24	60.53	13.42	60.49	13.59	60.45	13.77	60.41	13.95
63	61.58	13.28	61.55	13.46	61.51	13.64	61.47	13.81	61.43	13.99	61.39	14.17
64	62.56	13.49	62.52	13.67	62.48	13.85	62.44	14.03	62.40	14.22	62.36	14.40
65	63.54	13.70	63.50	13.88	63.46	14.07	63.42	14.25	63.38	14.44	63.33	14.62
66	64.52	13.91	64.48	14.10	64.44	14.29	64.39	14.47	64.35	14.66	64.31	14.85
67	65.50	14.12	65.45	14.31	65.41	14.50	65.37	14.69	65.33	14.88	65.28	15.07
68	66.47	14.33	66.43	14.52	66.39	14.72	66.34	14.91	66.30	15.10	66.26	15.30
69	67.45	14.54	67.41	14.74	67.36	14.93	67.32	15.13	67.28	15.33	67.23	15.52
70	68.43	14.75	68.38	14.95	68.34	15.15	68.30	15.35	68.25	15.55	68.21	15.75
71	69.41	14.96	69.36	15.17	69.32	15.37	69.27	15.57	69.23	15.77	69.18	15.97
72	70.38	15.17	70.34	15.38	70.29	15.58	70.25	15.79	70.20	15.99	70.16	16.20
73	71.36	15.39	71.32	15.59	71.27	15.80	71.22	16.01	71.18	16.21	71.13	16.42
74	72.34	15.60	72.29	15.81	72.25	16.02	72.20	16.23	72.15	16.44	72.10	16.65
75	73.32	15.81	73.27	16.02	73.22	16.23	73.17	16.45	73.13	16.66	73.08	16.87
76	74.29	16.02	74.25	16.23	74.20	16.45	74.15	16.66	74.10	16.88	74.05	17.10
77	75.27	16.23	75.22	16.45	75.17	16.67	75.13	16.88	75.08	17.10	75.03	17.32
78	76.25	16.44	76.20	16.66	76.15	16.88	76.10	17.10	76.05	17.32	76.00	17.55
79	77.23	16.65	77.18	16.87	77.13	17.10	77.08	17.32	77.03	17.55	76.98	17.77
80	78.20	16.86	78.15	17.09	78.10	17.32	78.05	17.54	78.00	17.77	77.95	18.00
81	79.18	17.07	79.13	17.30	79.08	17.53	79.03	17.76	78.98	17.99	78.92	18.22
82	80.16	17.28	80.11	17.52	80.06	17.75	80.00	17.98	79.95	18.21	79.90	18.45
83	81.14	17.49	81.08	17.73	81.03	17.96	80.98	18.20	80.93	18.44	80.87	18.67
84	82.11	17.70	82.06	17.94	82.01	18.18	81.96	18.42	81.90	18.66	81.85	18.90
85	83.09	17.91	83.04	18.16	82.99	18.40	82.93	18.64	82.88	18.88	82.82	19.12
86	84.07	18.12	84.02	18.37	83.96	18.61	83.91	18.86	83.85	19.10	83.80	19.35
87	85.05	18.34	84.99	18.58	84.94	18.83	84.88	19.08	84.83	19.32	84.77	19.57
88	86.02	18.55	85.97	18.80	85.91	19.05	85.86	19.30	85.80	19.55	85.74	19.80
89	87.00	18.76	86.95	19.01	86.89	19.26	86.83	19.52	86.78	19.77	86.72	20.02
90	87.98	18.97	87.92	19.22	87.87	19.48	87.81	19.73	87.75	19.99	87.69	20.25
91	88.96	19.18	88.90	19.44	88.84	19.70	88.78	19.95	88.73	20.21	88.67	20.47
92	89.93	19.39	89.88	19.65	89.82	19.91	89.76	20.17	89.70	20.43	89.64	20.70
93	90.91	19.60	90.85	19.86	90.80	20.13	90.74	20.39	90.68	20.66	90.62	20.92
94	91.89	19.81	91.83	20.08	91.77	20.35	91.71	20.61	91.65	20.88	91.59	21.15
95	92.87	20.02	92.81	20.29	92.75	20.56	92.69	20.83	92.63	21.10	92.57	21.37
96	93.84	20.23	93.78	20.51	93.72	20.78	93.66	21.05	93.60	21.32	93.54	21.60
97	94.82	20.44	94.76	20.72	94.70	20.99	94.64	21.27	94.58	21.55	94.51	21.82
98	95.80	20.65	95.74	20.93	95.68	21.21	95.61	21.48	95.55	21.77	95.49	22.05
99	96.78	20.86	96.72	21.15	96.65	21.43	96.59	21.71	96.53	21.99	96.46	22.27
100	97.75	21.08	97.69	21.36	97.63	21.64	97.57	21.93	97.50	22.21	97.44	22.50
101	98.73	21.29	98.67	21.57	98.61	21.86	98.54	22.15	98.48	22.43	98.41	22.72
102	99.71	21.50	99.65	21.79	99.58	22.08	99.52	22.37	99.45	22.66	99.39	22.95
103	100.69	21.71	100.62	22.00	100.56	22.29	100.49	22.59	100.43	22.88	100.36	23.17
104	101.66	21.92	101.60	22.21	101.53	22.51	101.47	22.80	101.40	23.10	101.33	23.39
105	102.64	22.13	102.58	22.43	102.51	22.73	102.44	23.02	102.38	23.32	102.31	23.62
106	103.62	22.34	103.55	22.64	103.49	22.94	103.42	23.24	103.35	23.54	103.28	23.84
107	104.60	22.55	104.53	22.86	104.46	23.16	104.40	23.46	104.33	23.77	104.26	24.07
108	105.57	22.76	105.51	23.07	105.44	23.38	105.37	23.68	105.30	23.99	105.23	24.29
109	106.55	22.97	106.48	23.28	106.42	23.59	106.35	23.90	106.28	24.21	106.21	24.52
110	107.53	23.18	107.46	23.50	107.39	23.81	107.32	24.12	107.25	24.43	107.18	24.74
111	108.51	23.39	108.44	23.71	108.37	24.02	108.30	24.34	108.23	24.65	108.15	24.97
112	109.48	23.60	109.42	23.92	109.35	24.24	109.27	24.56	109.20	24.88	109.13	25.19
113	110.46	23.82	110.39	24.14	110.32	24.46	110.25	24.78	110.18	25.10	110.10	25.42
114	111.44	24.03	111.37	24.35	111.30	24.67	111.22	25.00	111.15	25.32	111.08	25.64
115	112.42	24.24	112.35	24.56	112.27	24.89	112.20	25.22	112.13	25.54	112.05	25.87
116	113.39	24.45	113.32	24.78	113.25	25.11	113.18	25.44	113.10	25.77	113.03	26.09
117	114.37	24.66	114.30	24.99	114.23	25.32	114.15	25.66	114.08	25.99	114.00	26.32
118	115.35	24.87	115.28	25.20	115.20	25.54	115.13	25.87	115.05	26.21	114.98	26.54
119	116.33	25.08	116.25	25.42	116.18	25.76	116.10	26.09	116.03	26.43	115.95	26.77
120	117.30	25.29	117.23	25.63	117.16	25.97	117.08	26.31	117.00	26.65	116.92	26.99
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	118.28	25.50	118.21	25.85	118.13	26.19	118.05	26.53	117.98	26.88	117.90	27.22
22	119.26	25.71	119.18	26.06	119.11	26.41	119.03	26.75	118.95	27.10	118.87	27.44
23	120.24	25.92	120.16	26.27	120.08	26.62	120.01	26.97	119.93	27.32	119.85	27.67
24	121.21	26.13	121.14	26.49	121.06	26.84	120.98	27.19	120.90	27.54	120.82	27.89
25	122.19	26.34	122.12	26.70	122.04	27.06	121.96	27.41	121.88	27.76	121.80	28.12
26	123.17	26.56	123.09	26.91	123.01	27.27	122.93	27.63	122.85	27.99	122.77	28.34
27	124.15	26.77	124.07	27.13	123.99	27.49	123.91	27.85	123.83	28.21	123.74	28.57
28	125.13	26.98	125.05	27.34	124.97	27.71	124.88	28.07	124.80	28.43	124.72	28.79
29	126.10	27.19	126.02	27.55	125.94	27.92	125.86	28.29	125.78	28.65	125.69	29.02
130	127.08	27.40	127.00	27.77	126.92	28.14	126.84	28.51	126.75	28.87	126.67	29.24
31	128.06	27.61	127.98	27.98	127.89	28.36	127.81	28.72	127.73	29.10	127.64	29.47
32	129.04	27.82	128.95	28.20	128.87	28.57	128.79	28.94	128.70	29.32	128.62	29.69
33	130.01	28.03	129.93	28.41	129.85	28.79	129.76	29.16	129.68	29.54	129.59	29.92
34	130.99	28.24	130.91	28.62	130.82	29.01	130.74	29.38	130.65	29.76	130.57	30.14
35	131.97	28.45	131.88	28.84	131.80	29.22	131.71	29.60	131.63	29.99	131.54	30.37
36	132.95	28.66	132.86	29.05	132.78	29.44	132.69	29.82	132.60	30.21	132.51	30.59
37	133.92	28.87	133.84	29.26	133.75	29.65	133.66	30.04	133.58	30.43	133.49	30.82
38	134.90	29.08	134.82	29.48	134.73	29.87	134.64	30.26	134.55	30.65	134.46	31.04
39	135.88	29.30	135.79	29.69	135.71	30.09	135.62	30.48	135.53	30.87	135.44	31.27
140	136.86	29.51	136.77	29.90	136.68	30.30	136.59	30.70	136.50	31.10	136.41	31.49
41	137.88	29.72	137.75	30.12	137.66	30.52	137.57	30.92	137.48	31.32	137.39	31.72
42	138.81	29.93	138.72	30.33	138.63	30.74	138.54	31.14	138.45	31.54	138.36	31.94
43	139.79	30.14	139.70	30.54	139.61	30.95	139.52	31.36	139.43	31.76	139.33	32.17
44	140.77	30.35	140.68	30.76	140.59	31.17	140.49	31.58	140.40	31.98	140.31	32.39
45	141.74	30.56	141.65	30.97	141.56	31.39	141.47	31.79	141.38	32.21	141.28	32.62
46	142.72	30.77	142.63	31.19	142.54	31.60	142.44	32.01	142.35	32.43	142.26	32.84
47	143.70	30.98	143.61	31.40	143.52	31.82	143.42	32.23	143.33	32.65	143.23	33.07
48	144.68	31.19	144.58	31.61	144.49	32.04	144.40	32.45	144.30	32.87	144.21	33.29
49	145.65	31.40	145.56	31.83	145.47	32.25	145.37	32 67	145.28	33.10	145.18	33.52
150	146.68	31.61	146.54	32.04	146.44	32.47	146.35	32.89	146.25	33.32	146.16	33.74
51	147.61	31.82	147.52	32.25	147.42	32.68	147.32	33.11	147.23	33.54	147.13	33.97
52	148.59	32.03	148.49	32.47	148.40	32.90	148.30	33.33	148.20	33.76	148.10	34.19
53	149.56	32.25	149.47	32.68	149.37	33.12	149.27	33.55	149.18	33.98	149.08	34.42
54	150.54	32.46	150.45	32.89	150.35	33.33	150.25	33.77	150.15	34.21	150.05	34.64
55	151.52	32.67	151.42	33.11	151.33	33.55	151.23	33.99	151.13	34.43	151.03	34.87
56	152.50	32.88	152.40	33.32	152.30	33.77	152.20	34.21	152.10	34.65	152.00	35.09
57	153.47	33.09	153.38	33.54	153.28	33.98	153.18	34.43	153.08	34.87	152.98	35.32
58	154.45	33.30	154.35	33.75	154.25	34.20	154.15	34.65	154.05	35.09	153.95	35.54
59	155.43	33.51	155.33	33.96	155.23	34.42	155.13	34.86	155.03	35.32	154.92	35.77
160	156.41	33.72	156.31	34.18	156.21	34.63	156.10	35.08	156.00	35.54	155.90	35.99
61	157.38	33.93	157.28	34.39	157.18	34.85	157.08	35.30	156.98	35.76	156.87	36.22
62	158.36	34.14	158.26	34.60	158.16	35.07	158.06	35.52	157.95	35.98	157.85	36.44
63	159.34	34.35	159.24	34.82	159.14	35.28	159.03	35.74	158.93	36.20	158.82	36.67
64	160.32	34.56	160.22	35.03	160.11	35.50	160.01	35.96	159.90	36.43	159.80	36.89
65	161.29	34.77	161.19	35.24	161.09	35.71	160 98	36.18	160.88	36.65	160.77	37.12
66	162.27	34.99	162.17	35.46	162.06	35.93	161.96	36.40	161.85	36.87	161.75	37.34
67	163.25	35.20	163.15	35.67	163.04	36.15	162.93	36.62	162.83	37.09	162.72	37.57
68	164.23	35.41	164.12	35.88	164.02	36.36	163.91	36.84	163.80	37.32	163.69	37.79
69	165.20	35.62	165.10	36.10	164.99	36.58	164.89	37.06	164.78	37.54	164.67	38.02
170	166.18	35.83	166.08	36.31	165.97	36.80	165.86	37.28	165.75	37.76	165.64	38.24
71	167.16	36.04	167.05	36.53	166.95	37.01	166.84	37.50	166.73	37.98	166.62	38.47
72	168.14	36.25	168.03	36.74	167.92	37.23	167.81	37.72	167.70	38.20	167.59	38.69
73	169.11	36.46	169.01	36.95	168.90	37.45	168.79	37.93	168.68	38.43	168.57	38.92
74	170.09	36.67	169.98	37.17	169.88	37.66	169.76	38.15	169.65	38.65	169.54	39.14
75	171.07	36.88	170.96	37.38	170.85	37.88	170.74	38.37	170.63	38.87	170.51	39.37
76	172.05	37.09	171.94	37.59	171.83	38.10	171.72	38.59	171.60	39.09	171.49	39.59
77	173.02	37.30	172.92	37.81	172.80	38.31	172.69	38.81	172.58	39.31	172.46	39.82
78	174.00	37.51	173.89	38.02	173.78	38.53	173.67	39.03	173.55	39.54	173.44	40.04
79	174.98	37.73	174.87	38.23	174.76	38.74	174.64	39.25	174.53	39.76	174.41	40.27
180	175.96	37.94	175.85	38.45	175.73	38.96	175.62	39.47	175.50	39.98	175.39	40.49

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	176.93	38.15	176.82	38.66	176.71	39.18	176.59	39.69	176.48	40.20	176.36	40.72
82	177.91	38.36	177.80	38.88	177.69	39.39	177.57	39.91	177,45	40.42	177.34	40.94
83	178.89	38.57	178.78	39.09	178.66	39.61	178.55	40.13	178.43	40.65	178.31	41.17
84	179.87	38.78	179.75	39.30	179.64	39.83	179.52	40.35	179.40	40.87	179.28	41.39
85	180.84	38.99	180.73	39.52	180.61	40.04	180.50	40.57	180.38	41.09	180.26	41.62
86	181.82	39.20	181.71	39.73	181.59	40.26	181.47	40.78	181.35	41.31	181.23	41.84
87	182.80	39.41	182.68	39.94	182.57	40.48	182.45	41.00	182.33	41.54	182.21	42.07
88	183.78	39.62	183.66	40.16	183.54	40.69	183.42	41.22	183.30	41.76	183.18	42.29
89	184.75	39.83	184.64	40.37	184.52	40.91	184.40	41.44	184.28	41.98	184.16	42.52
190	185.73	40.04	185.62	40.58	185.50	41.13	185.37	41.66	185.25	42.20	185.13	42.74
91	186.71	40.25	186.59	40.80	186.47	41.34	186.35	41.88	186.23	42.42	186.10	42.97
92	187.69	40.47	187.57	41.01	187.45	41.56	187.33	42.10	187.20	42.65	187.08	43.19
93	188.67	40.68	188.55	41.22	188.42	41.77	188.30	42.32	188.18	42.87	188.05	43.42
94	189.64	40.89	189.52	41.44	189.40	41.99	189.28	42.54	189.15	43.09	189.03	43.64
95	190.62	41.10	190.50	41.65	190.38	42.21	190.25	42.76	190.13	43.31	190.00	43.87
96	191.60	41.31	191.48	41.87	191.35	42.42	191.23	42.98	191.10	43.53	190.98	44.09
97	192.58	41.52	192.45	42.08	192.33	42.64	192.20	43.20	192.08	43.76	191.95	44.32
98	193.55	41.73	193.43	42.29	193.31	42.86	193.18	43.42	193.05	43.98	192.93	44.54
99	194.53	41.94	194.41	42.51	194.28	43.07	194.16	43.64	194.03	44.20	193.90	44.77
200	195.51	42.15	195.38	42.72	195.26	43.29	195.13	43.85	195.00	44.42	194.87	44.99
01	196.49	42.36	196.36	42.93	196.24	43.51	196.11	44.07	195.98	44.65	195.85	45.22
02	197.46	42.57	197.34	43.15	197.21	43.72	197.08	44.29	196.95	44.87	196.82	45.44
03	198.44	42.78	198.32	43.36	198.19	43.94	198.06	44.51	197.93	45.09	197.80	45.67
04	199.42	42.99	199.29	43.57	199.16	44.16	199.03	44.73	198.90	45.31	198.77	45.89
05	200.40	43.20	200.27	43.79	200.14	44.37	200.01	44.95	199.88	45.53	199.75	46.11
06	201.37	43.42	201.25	44.00	201.12	44.59	200.99	45.17	200.85	45.76	200.72	46.34
07	202.35	43.63	202.22	44.22	202.09	44.80	201.96	45.39	201.83	45.98	201.69	46.56
08	203.33	43.84	203.20	44.43	203.07	45.02	202.94	45.61	202.80	46.20	202.67	46.79
09	204.31	44.05	204.18	44.64	204.05	45.24	203.91	45.83	203.78	46.42	203.64	47.01
210	205.28	44.26	205.15	44.86	205.02	45.45	204,89	46,05	204,75	46.64	204.62	47.24
11	206.26	44.47	206.13	45.07	206.00	45,67	205,86	46,27	205,73	46.87	205.59	47.46
12	207.24	44.68	207.11	45.28	206.97	45.89	206.84	46.49	206.70	47.09	206.57	47.69
13	208.22	44.89	208.08	45.50	207.95	46.10	207.81	46.71	207.68	47.31	207.54	47.91
14	209.19	45.10	209.06	45.71	208.93	46.32	208 79	46.92	208.65	47.53	208.51	48.14
15	210.17	45.31	210.04	45.92	209.90	46.54	209.77	47.14	209.63	47.75	209.49	48.36
16	211.15	45.52	211.02	46.14	210.88	46.75	210.74	47.36	210.60	47.98	210.46	48.59
17	212.13	45.73	211.99	46.35	211.86	46.97	211.72	47.58	211.58	48.20	211.44	48.81
18	213.10	45.94	212.97	46.56	212.83	47.19	212.69	47.80	212.55	48.42	212.41	49.04
19	214.08	46.16	213.95	46.78	213.81	47.40	213.67	48.02	213.53	48.64	213.39	49.26
220	215.06	46.37	214.92	46.99	214.78	47.62	214.64	48.24	214.50	48.87	214.36	49.49
21	216.04	46.58	215.90	47.21	215.76	47.83	215.62	48.46	215.48	49.09	215.34	49.71
22	217.01	46.79	216.88	47.42	216.74	48.05	216.60	48.68	216.45	49.31	216.31	49.94
23	217.99	47.00	217.85	47.63	217.71	48.27	217.57	48.90	217.43	49.53	217.28	50.16
24	218.97	47.21	218.83	47.85	218.69	48.48	218.55	49.12	218.40	49.75	218.26	50.39
25	219.95	47.42	219.81	48.06	219.67	48.70	219.52	49.34	219.38	49.98	219.23	50.61
26	220.92	47.63	220.78	48.27	220.64	48.92	220.50	49.56	220.35	50.20	220.21	50.84
27	221.90	47.84	221.76	48.49	221.62	49.13	221.47	49.78	221.33	50.42	221.18	51.06
28	222.88	48.05	222.74	48.70	222.60	49.35	222.45	49.99	222.30	50.64	222.16	51.29
29	223.86	48.26	223.72	48.91	223.57	49.57	223.43	50.21	223.28	50.86	223.13	51.51
230	224.83	48.47	224.69	49.13	224.55	49,78	224.40	50.43	224.25	51.09	224.10	51.74
31	225.81	48.68	225.67	49.34	225.52	50.00	225.38	50.65	225.23	51.31	225.08	51.96
32	226.79	48.90	226.65	49.56	226.50	50.22	226,35	50.87	226.20	51.53	226.05	52.19
33	227.77	49.11	227.62	49.77	227.48	50.43	227.33	51.09	227.18	51.75	227.03	52.41
34	228.74	49.32	228.60	49.98	228.45	50.65	228.30	51.31	228.15	51.97	228.00	52.64
35	229.72	49.53	229.58	50.20	229.43	50.86	229.28	51.53	229.13	52.20	228.98	52.86
36	230,70	49.74	230.55	50.41	230.41	51.08	230,25	51.75	230,10	52.42	229.95	53.09
37	231.68	49.95	231.53	50.62	231.38	51.30	231.23	51.97	231.08	52.64	230.93	53,31
38	232.65	50.16	232.51	50.84	232.36	51.51	232.21	52.19	232.05	52.86	231.90	53.54
39	233.63	50.37	233.48	51.05	233.33	51,73	233.18	52.41	233.03	53.09	232.87	53.76
240	234.61	50.58	234.46	51.26	234.31	51.95	234.16	52.63	234.00	53.31	233.85	53.99

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	235.59	50.75	235.44	51.48	235.29	52.16	235.13	52.85	234.98	53.53	234.82	54.21
42	236.56	51.00	236.42	51.69	236.26	52.38	236.11	53.06	235.95	53.75	235.80	54.44
43	237.54	51.24	237.39	51.91	237.24	52.60	237.08	53.28	236.93	53.97	236.77	54.66
44	238.52	51.49	238.37	52.12	238.22	52.81	238.06	53.50	237.90	54.20	237.75	54.89
45	239.50	51.64	239.35	52.33	239.19	53.03	239.04	53.72	238.88	54.42	238.72	55.11
46	240.47	51.85	240.32	52.55	240.17	53.25	240.01	53.94	239.85	54.64	239.69	55.34
47	241.45	52.06	241.30	52.76	241.14	53.46	240.99	54.16	240.83	54.86	240.67	55.56
48	242.43	52.27	242.28	52.97	242.12	53.68	241.96	54.38	241.80	55.08	241.64	55.79
49	243.41	52.48	243.25	53.19	243.10	53.89	242.94	54.60	242.78	55.31	242.62	56.01
50	244.38	52.69	244.23	53.40	244.07	54.11	243.91	54.82	243.76	55.53	243.59	56.24
51	245.36	52.90	245.21	53.61	245.05	54.33	244.89	55.04	244.73	55.75	244.57	56.46
52	246.34	53.11	246.18	53.83	246.03	54.54	245.87	55.26	245.71	55.97	245.54	56.69
53	247.32	53.33	247.16	54.04	247.00	54.76	246.84	55.48	246.68	56.20	246.52	56.91
54	248.29	53.54	248.14	54.25	247.98	54.98	247.82	55.70	247.66	56.42	247.49	57.14
55	249.27	53.74	249.12	54.47	248.96	55.19	248.79	55.91	248.63	56.64	248.46	57.36
56	250.25	53.95	250.09	54.68	249.93	55.41	249.77	56.13	249.61	56.86	249.44	57.59
57	251.23	54.16	251.07	54.90	250.91	55.63	250.74	56.35	250.58	57.08	250.41	57.81
58	252.21	54.38	252.05	55.11	251.88	55.84	251.72	56.57	251.56	57.31	251.39	58.04
59	253.18	54.59	253.02	55.32	252.86	56.06	252.69	56.79	252.53	57.53	252.36	58.26
60	254.16	54.80	254.00	55.54	253.84	56.28	253.67	57.01	253.51	57.75	253.34	58.49
61	255.14	55.01	254.98	55.75	254.81	56.49	254.65	57.23	254.48	57.97	254.31	58.71
62	256.12	55.22	255.95	55.96	255.79	56.71	255.62	57.45	255.46	58.19	255.28	58.94
63	257.09	55.43	256.93	56.18	256.77	56.92	256.60	57.67	256.43	58.42	256.26	59.16
64	258.07	55.64	257.91	56.39	257.74	57.14	257.57	57.89	257.41	58.64	257.23	59.39
65	259.05	55.85	258.88	56.60	258.72	57.36	258.55	58.11	258.38	58.86	258.21	59.61
66	260.03	56.06	259.86	56.82	259.69	57.57	259.52	58.33	259.36	59.08	259.18	59.84
67	261.00	56.27	260.84	57.03	260.67	57.79	260.50	58.55	260.33	59.31	260.16	60.06
68	261.98	56.48	261.82	57.25	261.65	58.01	261.48	58.77	261.31	59.53	261.13	60.29
69	262.96	56.69	262.79	57.46	262.62	58.22	262.45	58.98	262.28	59.75	262.11	60.51
70	263.94	56.90	263.77	57.67	263.60	58.44	263.43	59.20	263.26	59.97	263.08	60.74
71	264.91	57.11	264.75	57.89	264.58	58.66	264.40	59.42	264.23	60.19	264.05	60.96
72	265.89	57.33	265.72	58.10	265.55	58.87	265.38	59.64	265.21	60.42	265.03	61.19
73	266.87	57.54	266.70	58.31	266.53	59.09	266.35	59.86	266.18	60.64	266.00	61.41
74	267.85	57.75	267.68	58.53	267.50	59.31	267.33	60.08	267.16	60.86	266.98	61.64
75	268.82	57.96	268.65	58.74	268.48	59.52	268.31	60.30	268.13	61.08	267.95	61.86
76	269.80	58.17	269.63	58.95	269.46	59.74	269.28	60.52	269.11	61.30	268.93	62.09
77	270.78	58.38	270.61	59.17	270.43	59.95	270.26	60.74	270.08	61.53	269.90	62.31
78	271.76	58.59	271.58	59.38	271.41	60.17	271.23	60.96	271.06	61.75	270.87	62.54
79	272.73	58.80	272.56	59.59	272.39	60.39	272.21	61.18	272.03	61.97	271.85	62.76
80	273.71	59.01	273.54	59.81	273.36	60.60	273.18	61.40	273.01	62.19	272.82	62.99
81	274.69	59.22	274.52	60.02	274.34	60.82	274.16	61.62	273.98	62.41	273.80	63.21
82	275.67	59.43	275.49	60.24	275.32	61.04	275.13	61.84	274.96	62.64	274.77	63.44
83	276.64	59.64	276.47	60.45	276.29	61.25	276.11	62.05	275.93	62.86	275.75	63.66
84	277.62	59.85	277.45	60.66	277.27	61.47	277.09	62.27	276.91	63.08	276.72	63.89
85	278.60	60.07	278.42	60.88	278.24	61.69	278.06	62.49	277.88	63.30	277.70	64.11
86	279.58	60.28	279.40	61.09	279.22	61.90	279.04	62.71	278.86	63.53	278.67	64.34
87	280.55	60.49	280.37	61.30	280.20	62.12	280.01	62.93	279.83	63.75	279.64	64.56
88	281.53	60.70	281.35	61.52	281.17	62.34	280.99	63.15	280.81	63.97	280.62	64.79
89	282.51	60.91	282.33	61.73	282.15	62.55	281.96	63.37	281.78	64.19	281.59	65.01
90	283.49	61.12	283.31	61.94	283.13	62.77	282.94	63.59	282.76	64.41	282.57	65.24
91	284.46	61.33	284.28	62.16	284.10	62.99	283.92	63.81	283.73	64.64	283.54	65.46
92	285.44	61.54	285.26	62.37	285.08	63.20	284.89	64.03	284.71	64.86	284.52	65.69
93	286.4	61.75	286.24	62.59	286.05	63.42	285.87	64.25	285.68	65.08	285.49	65.91
94	287.40	61.96	287.22	62.80	287.03	63.64	286.84	64.47	286.66	65.30	286.46	66.14
95	288.37	62.17	288.19	63.01	288.01	63.85	287.82	64.69	287.63	65.52	287.44	66.36
96	289.35	62.39	289.17	63.23	288.98	64.07	288.79	64.91	288.61	65.75	288.41	66.59
97	290.33	62.59	290.15	63.44	289.96	64.29	289.77	65.12	289.58	65.97	289.39	66.81
98	291.31	62.81	291.12	63.65	290.94	64.50	290.75	65.34	290.56	66.19	290.36	67.04
99	292.28	63.02	292.10	63.87	291.91	64.72	291.72	65.56	291.53	66.41	291.34	67.26
100	293.26	63.23	293.08	64.08	292.89	64.93	292.70	65.78	292.51	66.63	292.31	67.49
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

′	10′		20′		30′		40′		50′		60′	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.97	0.23	0.97	0.23	0.97	0.23	0.97	0.24	0.97	0.24	0.97	0.24
2	1.95	0.46	1.95	0.46	1.94	0.47	1.95	0.47	1.94	0.48	1.94	0.48
3	2.92	0.68	2.92	0.69	2.92	0.70	2.92	0.71	2.91	0.72	2.91	0.72
4	3.89	0.91	3.89	0.92	3.89	0.93	3.89	0.95	3.88	0.96	3.88	0.97
5	4.87	1.14	4.87	1.15	4.86	1.17	4.86	1.18	4.85	1.20	4.85	1.21
6	5.84	1.37	5.84	1.38	5.83	1.40	5.83	1.42	5.83	1.43	5.82	1.45
7	6.82	1.59	6.81	1.61	6.81	1.63	6.80	1.65	6.80	1.67	6.79	1.69
8	7.79	1.82	7.78	1.84	7.78	1.87	7.77	1.89	7.77	1.91	7.76	1.94
9	8.76	2.05	8.76	2.08	8.75	2.10	8.75	2.13	8.74	2.15	8.73	2.18
10	9.74	2.28	9.73	2.31	9.72	2.33	9.72	2.36	9.71	2.39	9.70	2.42
11	10.71	2.51	10.70	2.54	10.70	2.57	10.69	2.60	10.68	2.63	10.67	2.66
12	11.68	2.73	11.68	2.77	11.67	2.80	11.66	2.84	11.65	2.87	11.64	2.90
13	12.66	2.96	12.65	3.00	12.64	3.03	12.63	3.07	12.62	3.11	12.61	3.14
14	13.63	3.19	13.62	3.23	13.61	3.27	13.60	3.31	13.59	3.35	13.58	3.39
15	14.61	3.42	14.60	3.46	14.59	3.50	14.58	3.54	14.56	3.59	14.55	3.63
16	15.58	3.64	15.57	3.69	15.56	3.74	15.55	3.78	15.54	3.83	15.52	3.87
17	16.55	3.87	16.54	3.92	16.53	3.97	16.52	4.02	16.51	4.06	16.50	4.11
18	17.53	4.10	17.51	4.15	17.50	4.20	17.49	4.25	17.48	4.30	17.47	4.35
19	18.50	4.33	18.49	4.38	18.48	4.44	18.46	4.49	18.45	4.54	18.44	4.60
20	19.47	4.56	19.46	4.61	19.45	4.67	19.43	4.73	19.42	4.78	19.41	4.84
21	20.45	4.78	20.43	4.84	20.42	4.90	20.41	4.96	20.39	5.02	20.38	5.08
22	21.42	5.01	21.41	5.07	21.39	5.14	21.38	5.20	21.36	5.26	21.35	5.32
23	22.40	5.24	22.38	5.30	22.36	5.37	22.35	5.43	22.33	5.50	22.32	5.56
24	23.37	5.47	23.35	5.53	23.34	5.60	23.32	5.67	23.30	5.74	23.29	5.81
25	24.34	5.69	24.33	5.77	24.31	5.84	24.29	5.91	24.27	5.98	24.26	6.05
26	25.32	5.92	25.30	6.00	25.28	6.07	25.26	6.14	25.25	6.22	25.23	6.29
27	26.29	6.15	26.27	6.23	26.25	6.30	26.24	6.38	26.22	6.46	26.20	6.53
28	27.26	6.38	27.25	6.46	27.23	6.54	27.21	6.62	27.19	6.69	27.17	6.77
29	28.24	6.61	28.22	6.69	28.20	6.77	28.18	6.85	28.16	6.93	28.14	7.02
30	29.21	6.83	29.19	6.92	29.17	7.00	29.15	7.09	29.13	7.17	29.11	7.26
31	30.19	7.06	30.16	7.15	30.14	7.24	30.12	7.32	30.10	7.41	30.08	7.50
32	31.16	7.29	31.14	7.38	31.12	7.47	31.09	7.56	31.07	7.65	31.05	7.74
33	32.13	7.52	32.11	7.61	32.09	7.70	32.07	7.80	32.04	7.89	32.02	7.98
34	33.11	7.74	33.08	7.84	33.06	7.94	33.04	8.03	33.01	8.13	32.99	8.23
35	34.08	7.97	34.06	8.07	34.03	8.17	34.01	8.27	33.98	8.37	33.96	8.47
36	35.05	8.20	35.03	8.30	35.01	8.40	34.98	8.51	34.96	8.61	34.93	8.71
37	36.03	8.43	36.00	8.53	35.98	8.64	35.95	8.74	35.93	8.85	35.90	8.95
38	37.00	8.66	36.98	8.76	36.95	8.87	36.92	8.98	36.90	9.09	36.87	9.19
39	37.97	8.88	37.95	8.99	37.92	9.10	37.90	9.21	37.87	9.32	37.84	9.43
40	38.95	9.11	38.92	9.22	38.89	9.34	38.87	9.45	38.84	9.56	38.81	9.68
41	39.92	9.34	39.89	9.46	39.87	9.57	39.84	9.69	39.81	9.80	39.78	9.92
42	40.90	9.57	40.87	9.69	40.84	9.80	40.81	9.92	40.78	10.04	40.75	10.16
43	41.87	9.79	41.84	9.92	41.81	10.04	41.78	10.16	41.75	10.28	41.72	10.40
44	42.84	10.02	42.81	10.15	42.78	10.27	42.75	10.40	42.72	10.52	42.69	10.64
45	43.82	10.25	43.79	10.38	43.76	10.51	43.73	10.63	43.69	10.76	43.66	10.89
46	44.79	10.48	44.76	10.61	44.73	10.74	44.70	10.87	44.67	11.00	44.63	11.13
47	45.76	10.71	45.73	10.84	45.70	10.97	45.67	11.11	45.64	11.24	45.60	11.37
48	46.74	10.93	46.71	11.07	46.67	11.21	46.64	11.34	46.61	11.48	46.57	11.61
49	47.71	11.16	47.68	11.30	47.65	11.44	47.61	11.58	47.58	11.72	47.54	11.85
50	48.69	11.39	48.65	11.53	48.62	11.67	48.58	11.81	48.55	11.96	48.51	12.10
51	49.66	11.62	49.63	11.76	49.59	11.91	49.56	12.05	49.52	12.19	49.49	12.34
52	50.63	11.84	50.60	11.99	50.56	12.14	50.53	12.29	50.49	12.43	50.46	12.58
53	51.61	12.07	51.57	12.22	51.54	12.37	51.50	12.52	51.46	12.67	51.43	12.82
54	52.58	12.30	52.54	12.45	52.51	12.61	52.47	12.76	52.43	12.91	52.40	13.06
55	53.55	12.53	53.52	12.68	53.48	12.84	53.44	13.00	53.40	13.15	53.37	13.31
56	54.53	12.76	54.49	12.91	54.45	13.07	54.41	13.23	54.38	13.39	54.34	13.55
57	55.50	12.98	55.46	13.15	55.43	13.31	55.39	13.47	55.35	13.63	55.31	13.79
58	56.48	13.21	56.44	13.38	56.40	13.54	56.36	13.70	56.32	13.87	56.28	14.03
59	57.45	13.44	57.41	13.61	57.37	13.77	57.33	13.94	57.29	14.11	57.25	14.27
60	58.42	13.67	58.38	13.84	58.34	14.01	58.30	14.18	58.26	14.35	58.22	14.52
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50′		40′		30′		20′		10′		0′	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	59.40	13.89	59.36	14.07	59.31	14.24	59.27	14.41	59.23	14.59	59.19	14.76
62	60.37	14.12	60.33	14.30	60.29	14.47	60.24	14.65	60.20	14.82	60.16	15.00
63	61.34	14.35	61.30	14.53	61.26	14.71	61.22	14.89	61.17	15.06	61.13	15.24
64	62.32	14.58	62.27	14.76	62.23	14.94	62.19	15.12	62.14	15.30	62.10	15.48
65	63.29	14.81	63.25	14.99	63.20	15.17	63.16	15.36	63.11	15.54	63.07	15.72
66	64.26	15.03	64.22	15.22	64.18	15.41	64.13	15.59	64.09	15.78	64.04	15.97
67	65.24	15.26	65.19	15.45	65.15	15.64	65.10	15.83	65.06	16.02	65.01	16.21
68	66.21	15.49	66.17	15.68	66.12	15.87	66.07	16.07	66.03	16.26	65.98	16.45
69	67.19	15.72	67.14	15.91	67.09	16.11	67.05	16.30	67.00	16.50	66.95	16.69
70	68.16	15.94	68.11	16.14	68.07	16.34	68.02	16.54	67.97	16.74	67.92	16.94
71	69.13	16.17	69.09	16.37	69.04	16.57	68.99	16.78	68.94	16.98	68.89	17.18
72	70.11	16.40	70.06	16.60	70.01	16.81	69.96	17.01	69.91	17.22	69.86	17.42
73	71.08	16.63	71.03	16.83	70.98	17.04	70.93	17.25	70.88	17.45	70.83	17.66
74	72.05	16.86	72.01	17.07	71.96	17.27	71.90	17.48	71.85	17.69	71.80	17.90
75	73.03	17.08	72.98	17.30	72.93	17.51	72.88	17.72	72.82	17.93	72.77	18.14
76	74.00	17.31	73.95	17.53	73.90	17.74	73.85	17.96	73.80	18.17	73.74	18.39
77	74.98	17.54	74.92	17.76	74.87	17.98	74.82	18.19	74.77	18.41	74.71	18.63
78	75.95	17.77	75.90	17.99	75.84	18.21	75.79	18.43	75.74	18.65	75.68	18.87
79	76.92	17.99	76.87	18.22	76.82	18.44	76.76	18.67	76.71	18.89	76.65	19.11
80	77.90	18.22	77.84	18.45	77.79	18.68	77.73	18.90	77 68	19.13	77.62	19.35
81	78.87	18.45	78.82	18.68	78.76	18.91	78.71	19.14	78.65	19.37	78.59	19.60
82	79.84	18.68	79.79	18.91	79.73	19.14	79.68	19.37	79.62	19.61	79.56	19.84
83	80.82	18.91	80.76	19.14	80.71	19.38	80.65	19.61	80.59	19.85	80.53	20.08
84	81.79	19.13	81.74	19.37	81.68	19.61	81.62	19.85	81.56	20.08	81.50	20.32
85	82.77	19.36	82.71	19.60	82.65	19.84	82.59	20.08	82.53	20.32	82.48	20.56
86	83.74	19.59	83.68	19.83	83.62	20.08	83.57	20.32	83.51	20.56	83.45	20.81
87	84.71	19.82	84.65	20.06	84.60	20.31	84.54	20.56	84.48	20.80	84.42	21.05
88	85.69	20.04	85.63	20.29	85.57	20.54	85.51	20.79	85.45	21.04	85.39	21.29
89	86.66	20.27	86.60	20.52	86.54	20.78	86.48	21.03	86.42	21.28	86.36	21.53
90	87.68	20.50	87.57	20.76	87.51	21.01	87.45	21.26	87.39	21.52	87.33	21.77
91	88.61	20.73	88.55	20.99	88.49	21.24	88.42	21.50	88.36	21.76	88.30	22.01
92	89.58	20.96	89.52	21.22	89.46	21.48	89.40	21.74	89.33	22.00	89.27	22.26
93	90.56	21.18	90.49	21.45	90.43	21.71	90.37	21.97	90.30	22.24	90.24	22.50
94	91.53	21.41	91.47	21.68	91.40	21.94	91.34	22.21	91.27	22.48	91.21	22.74
95	92.50	21.64	92.44	21.91	92.38	22.18	92.31	22.45	92.24	22.71	92.18	22.98
96	93.48	21.87	93.41	22.14	93.35	22.41	93.28	22.68	93.22	22.95	93.15	23.22
97	94.45	22.09	94.39	22.37	94.32	22.64	94.25	22.92	94.19	23.19	94.12	23.47
98	95.42	22.32	95.36	22.60	95.29	22.88	95.23	23.15	95.16	23.43	95.09	23.71
99	96.40	22.55	96.33	22.83	96.27	23.11	96.20	23.39	96.13	23.67	96.06	23.95
100	97.37	22.78	97.30	23.06	97.24	23.34	97.17	23.63	97.10	23.91	97.03	24.19
01	98.34	23.01	98.28	23.29	98.21	23.58	98.14	23.86	98.07	24.15	98.00	24.43
02	99.32	23.23	99.25	23.52	99.18	23.81	99.11	24.10	99.04	24.39	98.97	24.68
03	100.29	23.46	100.22	23.75	100.15	24.04	100.08	24.34	100.01	24.63	99.94	24.92
04	101.27	23.69	101.20	23.98	101.13	24.28	101.06	24.57	100.98	24.87	100.91	25.16
05	102.24	23.92	102.17	24.21	102.10	24.51	102.03	24.81	101.95	25.11	101.88	25.40
06	103.21	24.14	103.14	24.45	103.07	24.75	103.00	25.04	102.93	25.34	102.85	25.64
07	104.19	24.37	104.12	24.68	104.04	24.98	103.97	25.28	103.90	25.58	103.82	25.89
08	105.16	24.60	105.09	24.91	105.02	25.21	104.94	25.52	104.87	25.82	104.79	26.13
09	106.13	24.83	106.06	25.14	105.99	25.45	105.91	25.75	105.84	26.06	105.76	26.37
10	107.11	25.06	107.03	25.37	106.96	25.68	106.88	25.99	106.81	26.30	106.73	26.61
11	108.08	25.28	108.01	25.60	107.93	25.91	107.86	26.23	107.78	26.54	107.70	26.85
12	109.06	25.51	108.98	25.83	108.91	26.15	108.83	26.46	108.75	26.78	108.67	27.10
13	110.03	25.74	109.95	26.06	109.88	26.38	109.80	26.70	109.72	27.02	109.64	27.34
14	111.00	25.97	110.93	26.29	110.85	26.61	110.77	26.94	110.69	27.26	110.61	27.58
15	111.98	26.19	111.90	26.52	111.82	26.85	111.74	27.17	111.66	27.50	111.58	27.82
16	112.95	26.42	112.87	26.75	112.79	27.08	112.72	27.41	112,64	27.74	112.55	28.06
17	113.92	26.65	113.85	26.98	113.77	27.31	113.69	27.64	113,61	27.97	113.52	28.30
18	114.90	26.88	114.82	27.21	114.74	27.55	114.66	27.88	114,58	28.21	114.49	28.55
19	115.87	27.11	115.79	27.44	115.71	27.78	115.63	28,12	115.55	28.45	115.47	28.79
20	116.85	27.33	116.77	27.67	116.68	28.01	116.60	28.35	116,52	28.69	116.44	29.03
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

D.	10'		20'		30'		40'		50'		60'	
P.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	117.82	27.56	117.74	27.90	117.66	28.25	117.57	28.59	117.49	28.93	117.41	29.27
22	118.79	27.79	118.71	28.14	118.63	28.48	118.55	28.83	118.46	29.17	118.38	29.51
23	119.77	28.02	119.68	28.37	119.60	28.71	119.52	29.06	119.43	29.41	119.35	29.76
24	120.74	28.24	120.66	28.60	120.57	28.95	120.49	29.30	120.40	29.65	120.32	30.00
25	121.71	28.47	121.63	28.83	121.55	29.18	121.46	29.53	121.37	29.89	121.29	30.24
26	122.69	28.70	122.60	29.06	122.52	29.41	122.43	29.77	122.35	30.13	122.26	30.48
27	123.66	28.93	123.58	29.29	123.49	29.65	123.40	30.01	123.32	30.37	123.23	30.72
28	124.84	29.16	124.55	29.52	124.46	29.88	124.38	30.24	124.29	30.61	124.20	30.97
29	125.81	29.38	125.52	29.75	125.44	30.11	125.35	30.48	125.26	30.84	125.17	31.21
130	126.58	29.61	126.50	29.98	126.41	30.35	126.32	30.72	126.23	31 08	126.14	31.45
31	127.56	29.84	127.47	30.21	127.38	30.58	127.29	30.95	127.20	31.32	127.11	31.69
32	128.53	30.07	128.44	30.44	128.35	30.81	128.26	31.19	128.17	31.56	128.08	31.93
33	129.50	30.29	129.41	30.67	129.33	31.05	129.23	31.43	129.14	31.80	129.05	32.18
34	130.48	30.52	130.39	30.90	130.30	31.28	130.21	31.66	130.11	32.04	130.02	32.42
35	131.45	30.75	131.36	31.13	131.27	31.51	131.18	31.90	131.08	32.28	130.99	32.66
36	132.42	30.98	132.33	31.36	132.24	31.75	132.15	32.13	132.06	32.52	131.96	32.90
37	133.40	31.21	133.31	31.59	133.21	31.98	133.12	32.37	133.03	32.76	132.98	33.14
38	134.37	31.43	134.28	31.83	134.19	32.22	134.09	32.61	134.00	33.00	133.90	33.39
39	135.35	31.66	135.25	32.06	135.16	32.45	135.06	32.84	134.97	33.24	134.87	33.63
140	136.32	31.89	136.23	32.29	136.13	32.68	136.04	33.08	135.94	33.47	135.84	33.87
41	137.29	32.12	137.20	32.52	137.10	32.92	137.01	33.32	136.91	33.71	136.81	34.11
42	138.27	32.34	138.17	32.75	138.08	33.15	137.98	33.55	137.88	33.95	137.78	34.35
43	139.24	32.57	139.15	32.98	139.05	33.38	138.95	33.79	138.85	34.19	138.75	34.59
44	140.21	32.80	140.12	33.21	140.02	33.62	139.92	34.02	139.82	34.43	139.72	34.84
45	141.19	33.03	141.09	33.44	140.99	33.85	140.89	34.26	140.79	34.67	140.69	35.08
46	142.16	33.26	142.06	33.67	141.97	34.08	141.87	34.50	141.77	34.91	141.66	35.32
47	143.14	33.48	143.04	33.90	142.94	34.32	142.84	34.73	142.74	35.15	142.63	35.56
48	144.11	33.71	144.01	34.13	143.91	34.55	143.81	34.97	143.71	35.39	143.60	35.80
49	145.08	33.94	144.98	34.36	144.88	34.78	144.78	35.21	144.68	35.63	144.57	36.05
150	146.06	34.17	145.96	34.59	145.86	35.02	145.75	35.44	145.65	35.87	145.54	36.29
51	147.03	34.39	146.93	34.82	146.83	35.25	146.72	35.68	146.62	36.10	146.51	36.53
52	148.00	34.62	147.90	35.05	147.80	35.48	147.70	35.91	147.59	36.34	147.48	36.77
53	148.98	34.85	148.88	35.28	148.77	35.72	148.67	36.15	148.56	36.58	148.46	37.01
54	149.95	35.08	149.85	35.51	149.74	35.95	149.64	36.39	149.53	36.82	149.43	37.26
55	150.93	35.31	150.82	35.75	150.72	36.18	150.61	36.62	150.50	37.06	150.40	37.50
56	151.90	35.53	151.79	35.98	151.69	36.42	151.58	36.86	151.48	37.30	151.37	37.74
57	152.87	35.76	152.77	36.21	152.66	36.65	152.55	37.10	152.45	37.54	152.34	37.98
58	153.85	35.99	153.74	36.44	153.63	36.88	153.53	37.33	153.42	37.78	153.31	38.22
59	154.82	36.22	154.71	36.67	154.61	37.12	154.50	37.57	154.39	38.02	154.28	38.47
160	155.79	36.44	155.69	36.90	155.58	37.35	155.47	37.80	155.36	38.26	155.25	38.71
61	156.77	36.67	156.66	37.13	156.55	37.58	156.44	38.04	156.33	38.50	156.22	38.95
62	157.74	36.90	157.63	37.36	157.52	37.82	157.41	38.28	157.30	38.73	157.19	39.19
63	158.71	37.13	158.61	37.59	158.50	38.05	158.38	38.51	158.27	38.97	158.16	39.43
64	159.69	37.36	159.58	37.82	159.47	38.28	159.36	38.75	159.24	39.21	159.13	39.68
65	160.66	37.58	160.55	38.05	160.44	38.52	160.33	38.99	160.21	39.45	160.10	39.92
66	161.64	37.81	161.53	38.28	161.41	38.75	161.30	39.22	161.19	39.69	161.07	40.16
67	162.61	38.04	162.50	38.51	162.39	38.99	162 27	39.46	162.16	39.93	162.04	40.40
68	163.58	38.27	163.47	38.74	163.36	39.22	163.24	39.69	163.13	40.17	163.01	40.64
69	164.56	38.49	164.44	38.97	164.33	39.45	164.22	39.93	164.10	40.41	163.98	40.88
170	165.53	38.72	165.42	39.20	165.30	39.69	165.19	40.17	165.07	40.65	164.95	41.13
71	166.50	38.95	166.39	39.44	166.28	39.92	166.16	40.40	166.04	40.89	165.92	41.37
72	167.48	39.18	167.36	39.67	167.25	40.15	167.13	40.64	167.01	41.13	166.89	41.61
73	168.45	39.41	168.34	39.90	168.22	40.39	168.10	40.88	167.98	41.36	167.86	41.85
74	169.43	39.63	169.31	40.13	169.19	40.62	169.07	41.11	168.95	41.60	168.83	42.09
75	170.40	39.86	170.28	40.36	170.16	40.85	170.05	41.35	169.92	41.84	169.80	42.33
76	171.37	40.09	171.26	40.59	171.14	41.09	171.02	41.58	170.90	42.08	170.77	42.58
77	172.35	40.32	172.23	40.82	172.11	41.32	171.99	41.82	171.87	42.32	171.74	42.82
78	173.32	40.54	173.20	41.05	173.08	41.55	172.96	42.06	172.84	42.56	172.71	43.06
79	174.29	40.77	174.17	41.28	174.05	41.79	173.93	42.29	173.81	42.80	173.68	43.30
180	175.27	41.00	175.15	41.51	175.03	42.20	174.90	42.53	174.78	43.04	174.65	43.55

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

	10′		20′		30′		40′		50′		60′	
P.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
0	176.26	41.28	176.52	41.34	176.80	41.40	177.06	41.46	177.32	41.52	177.58	41.58
1	177.22	41.46	177.09	41.37	176.97	41.28	176.85	41.19	176.72	41.10	176.60	41.01
2	178.19	41.68	178.07	42.20	177.94	42.72	177.82	43.24	177.69	43.76	177.57	44.28
3	179.16	41.91	179.04	42.45	178.92	42.99	178.79	43.53	178.67	44.07	178.55	44.61
4	180.14	42.14	180.01	42.86	179.89	43.59	179.76	44.31	179.64	45.04	179.52	45.76
5	181.11	42.37	180.99	42.89	180.86	43.42	180.74	43.95	180.61	44.48	180.49	45.01
6	182.08	42.59	181.96	43.13	181.83	43.67	181.71	44.21	181.58	44.75	181.46	45.29
7	183.06	42.82	182.93	43.36	182.81	43.89	182.68	44.43	182.55	44.97	182.43	45.51
8	184.03	43.05	183.91	43.59	183.78	44.13	183.65	44.66	183.52	45.19	183.40	45.73
9	185.01	43.28	184.88	43.82	184.75	44.35	184.62	44.89	184.49	45.42	184.36	45.96
10	185.98	43.51	185.85	44.05	185.72	44.58	185.59	45.12	185.46	45.65	185.33	46.19
11	186.95	43.73	186.82	44.28	186.69	44.82	186.56	45.36	186.43	45.90	186.30	46.44
12	187.93	43.96	187.80	44.51	187.67	45.05	187.54	45.60	187.41	46.15	187.27	46.69
13	188.90	44.19	188.78	44.74	188.64	45.28	188.51	45.84	188.37	46.38	188.24	46.93
14	189.87	44.42	189.74	44.97	189.61	45.52	189.48	46.07	189.34	46.62	189.21	47.17
15	190.85	44.64	190.72	45.20	190.58	45.76	190.45	46.31	190.32	46.86	190.18	47.42
16	191.82	44.87	191.69	45.43	191.56	45.99	191.42	46.55	191.28	47.10	191.15	47.66
17	192.79	45.10	192.66	45.66	192.53	46.22	192.39	46.78	192.26	47.34	192.12	47.90
18	193.77	45.32	193.64	45.89	193.50	46.46	193.37	47.02	193.23	47.58	193.09	48.14
19	194.74	45.56	194.61	46.12	194.47	46.68	194.33	47.25	194.20	47.82	194.06	48.38
20	195.72	45.78	195.58	46.36	195.45	46.92	195.31	47.48	195.17	48.04	195.03	48.61
21	196.69	46.01	196.55	46.58	196.42	47.16	196.28	47.73	196.14	48.30	196.00	48.87
22	197.66	46.24	197.53	46.81	197.39	47.39	197.25	47.96	197.11	48.54	196.97	49.11
23	198.64	46.47	198.50	47.05	198.36	47.62	198.22	48.20	198.08	48.78	197.94	49.35
24	199.61	46.69	199.48	47.28	199.34	47.86	199.20	48.44	199.05	49.02	198.91	49.60
25	200.58	46.92	200.45	47.51	200.31	48.09	200.17	48.67	200.03	49.26	199.88	49.84
26	201.56	47.15	201.42	47.74	201.28	48.32	201.14	48.91	201.00	49.49	200.85	50.08
27	202.53	47.38	202.39	47.97	202.25	48.56	202.11	49.14	201.97	49.73	201.82	50.32
28	203.51	47.61	203.37	48.20	203.23	48.79	203.08	49.38	202.94	49.97	202.79	50.56
29	204.48	47.83	204.34	48.43	204.20	49.03	204.05	49.62	203.91	50.21	203.76	50.80
30	205.45	48.06	205.31	48.66	205.17	49.26	205.03	49.85	204.88	50.45	204.73	51.05
31	206.43	48.29	206.29	48.89	206.14	49.49	206.00	50.09	205.85	50.69	205.70	51.29
32	207.40	48.52	207.26	49.12	207.11	49.72	206.97	50.33	206.82	50.93	206.67	51.53
33	208.37	48.74	208.23	49.35	208.09	49.96	207.94	50.56	207.79	51.17	207.64	51.77
34	209.35	48.97	209.20	49.58	209.06	50.19	208.91	50.80	208.76	51.41	208.61	52.01
35	210.32	49.20	210.18	49.81	210.03	50.42	209.88	51.03	209.73	51.65	209.58	52.25
36	211.30	49.43	211.15	50.04	211.00	50.66	210.86	51.27	210.71	51.89	210.55	52.50
37	212.27	49.66	212.12	50.27	211.98	50.89	211.83	51.51	211.68	52.12	211.52	52.74
38	213.24	49.88	213.10	50.50	212.95	51.12	212.80	51.74	212.65	52.36	212.49	52.98
39	214.22	50.11	214.07	50.74	213.92	51.36	213.77	51.98	213.62	52.60	213.47	53.22
40	215.19	50.34	215.04	50.97	214.89	51.59	214.74	52.22	214.58	52.84	214.43	53.46
41	216.16	50.57	216.02	51.20	215.87	51.82	215.71	52.45	215.56	53.08	215.41	53.71
42	217.14	50.79	216.99	51.43	216.84	52.06	216.69	52.69	216.53	53.32	216.38	53.95
43	218.11	51.02	217.96	51.66	217.81	52.29	217.66	52.93	217.50	53.56	217.35	54.19
44	219.08	51.25	218.93	51.89	218.78	52.53	218.63	53.16	218.47	53.80	218.32	54.44
45	220.06	51.48	219.91	52.12	219.76	52.76	219.60	53.40	219.45	54.04	219.29	54.68
46	221.03	51.71	220.88	52.35	220.73	52.99	220.57	53.64	220.42	54.28	220.26	54.92
47	222.01	51.93	221.85	52.58	221.70	53.23	221.54	53.87	221.39	54.52	221.23	55.16
48	222.98	52.16	222.83	52.81	222.67	53.46	222.52	54.11	222.36	54.75	222.20	55.40
49	223.95	52.39	223.80	53.04	223.64	53.69	223.49	54.35	223.33	54.99	223.17	55.64
50	224.93	52.62	224.77	53.27	224.62	53.93	224.46	54.58	224.30	55.23	224.14	55.88
51	225.90	52.84	225.75	53.50	225.59	54.16	225.43	54.82	225.27	55.47	225.11	56.12
52	226.87	53.07	226.72	53.73	226.56	54.39	226.40	55.05	226.24	55.71	226.08	56.37
53	227.85	53.30	227.69	53.96	227.53	54.62	227.37	55.29	227.21	55.95	227.05	56.61
54	228.82	53.53	228.67	54.19	228.51	54.86	228.35	55.53	228.18	56.19	228.02	56.86
55	229.80	53.76	229.64	54.43	229.48	55.09	229.32	55.76	229.16	56.43	228.99	57.10
56	230.77	53.98	230.61	54.66	230.45	55.33	230.28	56.00	230.13	56.67	229.96	57.34
57	231.74	54.21	231.58	54.89	231.42	55.56	231.26	56.24	231.10	56.91	230.93	57.58
58	232.72	54.44	232.56	55.12	232.40	55.79	232.23	56.47	232.07	57.15	231.90	57.82
59	233.69	54.67	233.53	55.35	233.37	56.03	233.20	56.71	233.04	57.38	232.87	58.06
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	234.66	54.89	234.50	55.58	234.34	56.26	234.18	56.94	234.01	57.63	233.84	58.30
42	235.64	55.12	235.48	55.81	235.31	56.49	235.15	57.18	234.98	57.86	234.81	58.55
43	236.61	55.35	236.45	56.04	236.29	56.73	236.12	57.42	235.95	58.10	235.78	58.79
44	237.59	55.58	237.42	56.27	237.26	56.96	237.09	57.65	236.92	58.34	236.75	59.03
45	238.56	55.81	238.40	56.50	238.23	57.19	238.06	57.89	237.89	58.58	237.72	59.27
46	239.53	56.03	239.37	56.73	239.20	57.43	239.04	58.13	238.87	58.82	238.69	59.51
47	240.51	56.26	240.34	56.96	240.18	57.66	240.01	58.36	239.84	59.06	239.68	59.75
48	241.48	56.49	241.31	57.19	241.15	57.89	240.98	58.60	240.81	59.30	240.63	60.00
49	242.45	56.72	242.29	57.42	242.12	58.13	241.95	58.83	241.78	59.54	241.60	60.24
250	243.43	56.94	243.26	57.65	243.09	58.36	242.92	59.07	242.75	59.78	242.57	60.48
51	244.40	57.17	244.23	57.88	244.06	58.59	243.89	59.31	243.72	60.01	243.54	60.72
52	245.38	57.40	245.21	58.12	245.04	58.83	244.87	59.54	244.69	60.25	244.51	60.96
53	246.35	57.63	246.18	58.35	246.01	59.06	245.84	59.78	245.66	60.49	245.48	61.21
54	247.32	57.86	247.15	58.58	246.98	59.30	246.81	60.02	246.63	60.73	246.46	61.45
55	248.30	58.08	248.13	58.81	247.95	59.53	247.78	60.25	247.60	60.97	247.43	61.69
56	249.27	58.31	249.10	59.04	248.93	59.76	248.75	60.49	248.57	61.21	248.40	61.93
57	250.24	58.54	250.07	59.27	249.90	60.00	249.72	60.72	249.55	61.45	249.37	62.17
58	251.22	58.77	251.05	59.50	250.87	60.23	250.70	60.96	250.52	61.69	250.34	62.42
59	252.19	58.99	252.02	59.73	251.84	60.46	251.67	61.20	251.49	61.93	251.31	62.66
60	253.16	59.22	252.99	59.96	252.82	60.70	252.64	61.43	252.46	62.17	252.28	62.90
61	254.14	59.45	253.96	60.19	253.79	60.93	253.61	61.67	253.43	62.41	253.25	63.14
62	255.11	59.68	254.94	60.42	254.76	61.16	254.58	61.91	254.40	62.64	254.22	63.38
63	256.09	59.91	255.91	60.65	255.73	61.40	255.55	62.14	255.37	62.88	255.19	63.63
64	257.06	60.13	256.88	60.88	256.71	61.63	256.53	62.38	256.34	63.12	256.16	63.87
65	258.03	60.36	257.86	61.11	257.68	61.86	257.50	62.61	257.31	63.36	257.13	64.11
66	259.01	60.59	258.83	61.34	258.65	62.10	258.47	62.85	258.28	63.60	258.10	64.35
67	259.98	60.82	259.80	61.57	259.62	62.33	259.44	63.09	259.26	63.84	259.07	64.59
68	260.95	61.04	260.78	61.81	260.59	62.56	260.41	63.32	260.23	64.08	260.04	64.84
69	261.93	61.27	261.75	62.04	261.57	62.80	261.38	63.56	261.20	64.32	261.01	65.08
270	262.90	61.40	262.72	62.27	262.54	63.03	262.36	63.80	262.17	64.56	261.98	65.32
71	263.88	61.73	263.69	62.50	263.51	63.26	263.33	64.03	263.14	64.80	262.95	65.56
72	264.85	61.96	264.67	62.73	264.48	63.50	264.30	64.27	264.11	65.04	263.92	65.80
73	265.82	62.18	265.64	62.96	265.46	63.73	265.27	64.50	265.08	65.27	264.89	66.04
74	266.80	62.41	266.61	63.19	266.43	63.96	266.24	64.74	266.05	65.51	265.86	66.29
75	267.77	62.64	267.59	63.42	267.40	64.20	267.21	64.98	267.02	65.75	266.83	66.53
76	268.74	62.87	268.56	63.65	268.37	64.43	268.19	65.21	267.99	65.99	267.80	66.77
77	269.72	63.09	269.53	63.88	269.35	64.66	269.16	65.45	268.97	66.23	268.77	67.01
78	270.69	63.32	270.51	64.11	270.32	64.90	270.13	65.69	269.94	66.47	269.74	67.25
79	271.67	63.55	271.48	64.34	271.29	65.13	271.10	65.92	270.91	66.71	270.71	67.50
280	272.64	63.78	272.45	64.57	272.26	65.36	272.07	66.16	271.88	66.96	271.68	67.74
81	273.61	64.01	273.43	64.80	273.24	65.60	273.04	66.39	272.85	67.19	272.65	67.98
82	274.59	64.23	274.40	65.03	274.21	65.83	274.02	66.63	273.82	67.43	273.62	68.22
83	275.56	64.46	275.37	65.26	275.18	66.06	274.99	66.87	274.79	67.67	274.59	68.46
84	276.53	64.69	276.34	65.49	276.15	66.30	275.96	67.10	275.76	67.90	275.56	68.71
85	277.51	64.92	277.32	65.73	277.13	66.53	276.93	67.34	276.73	68.14	276.53	68.95
86	278.48	65.14	278.29	65.96	278.10	66.77	277.90	67.58	277.70	68.38	277.50	69.19
87	279.46	65.37	279.26	66.19	279.07	67.00	278.87	67.81	278.68	68.62	278.47	69.43
88	280.43	65.60	280.24	66.42	280.04	67.23	279.85	68.05	279.65	68.86	279.45	69.67
89	281.40	65.83	281.21	66.65	281.01	67.47	280.82	68.28	280.62	69.10	280.42	69.92
290	282.38	65.06	282.18	66.88	281.99	67.70	281.79	68.52	281.59	69.34	281.39	70.16
91	283.35	66.28	283.16	67.11	282.96	67.93	282.76	68.76	282.56	69.58	282.36	70.40
92	284.33	66.51	284.13	67.34	283.93	68.17	283.73	68.99	283.53	69.82	283.33	70.64
93	285.30	66.74	285.10	67.57	284.90	68.40	284.70	69.23	284.50	70.06	284.30	70.88
94	286.27	66.97	286.07	67.80	285.88	68.63	285.68	69.47	285.47	70.30	285.27	71.13
95	287.24	67.19	287.05	67.03	286.85	68.87	286.65	69.70	286.44	70.54	286.24	71.37
96	288.22	67.42	288.02	68.26	287.82	69.10	287.62	69.94	287.41	70.77	287.21	71.61
97	289.19	67.65	288.99	68.49	288.79	69.33	288.59	70.17	288.39	71.01	288.18	71.85
98	290.17	67.88	289.97	68.72	289.77	69.57	289.56	70.41	289.36	71.25	289.15	72.09
99	291.14	68.11	290.94	68.95	290.74	69.80	290.53	70.65	290.33	71.49	290.12	72.33
300	292.11	68.33	291.91	69.18	291.71	70.03	291.51	70.88	291.30	71.73	291.09	72.58
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.97	0.24	0.97	0.25	0.97	0.25	0.97	0.25	0.97	0.26	0.97	0.26
2	1.94	0.49	1.94	0.50	1.94	0.50	1.93	0.51	1.93	0.51	1.93	0.52
3	2.91	0.73	2.91	0.74	2.90	0.75	2.90	0.76	2.90	0.77	2.90	0.78
4	3.88	0.98	3.88	0.99	3.87	1.00	3.87	1.01	3.87	1.02	3.86	1.04
5	4.85	1.22	4.84	1.24	4.84	1.25	4.84	1.27	4.83	1.28	4.83	1.29
6	5.82	1.47	5.81	1.49	5.81	1.50	5.80	1.52	5.80	1.54	5.80	1.56
7	6.79	1.71	6.78	1.73	6.78	1.75	6.77	1.77	6.77	1.79	6.76	1.81
8	7.76	1.96	7.75	1.98	7.75	2.00	7.74	2.03	7.73	2.05	7.73	2.07
9	8.73	2.20	8.72	2.23	8.71	2.25	8.71	2.28	8.70	2.30	8.69	2.33
10	9.70	2.45	9.69	2.48	9.68	2.50	9.67	2.53	9.67	2.56	9.66	2.59
11	10.67	2.69	10.66	2.72	10.65	2.75	10.64	2.79	10.63	2.82	10.63	2.85
12	11.64	2.94	11.63	2.97	11.62	3.00	11.61	3.04	11.60	3.07	11.59	3.11
13	12.61	3.18	12.60	3.22	12.59	3.25	12.58	3.29	12.57	3.33	12.56	3.36
14	13.58	3.43	13.56	3.47	13.55	3.51	13.54	3.54	13.53	3.58	13.52	3.62
15	14.54	3.67	14.53	3.71	14.52	3.76	14.51	3.80	14.50	3.84	14.49	3.88
16	15.51	3.92	15.50	3.96	15.49	4.01	15.48	4.05	15.47	4.10	15.45	4.14
17	16.48	4.16	16.47	4.21	16.46	4.26	16.45	4.30	16.43	4.35	16.42	4.40
18	17.45	4.41	17.44	4.46	17.43	4.51	17.41	4.56	17.40	4.61	17.39	4.66
19	18.42	4.65	18.41	4.70	18.39	4.76	18.38	4.81	18.37	4.86	18.35	4.92
20	19.39	4.89	19.38	4.95	19.36	5.01	19.35	5.06	19.33	5.13	19.32	5.18
21	20.36	5.14	20.35	5.20	20.33	5.26	20.32	5.32	20.30	5.38	20.28	5.44
22	21.33	5.38	21.32	5.45	21.30	5.51	21.28	5.57	21.27	5.63	21.25	5.69
23	22.30	5.63	22.28	5.69	22.27	5.76	22.25	5.82	22.23	5.89	22.22	5.96
24	23.27	5.87	23.25	5.94	23.24	6.01	23.22	6.08	23.20	6.14	23.18	6.21
25	24.24	6.12	24.22	6.19	24.20	6.26	24.19	6.33	24.17	6.40	24.15	6.47
26	25.21	6.36	25.19	6.44	25.17	6.51	25.15	6.58	25.13	6.66	25.11	6.73
27	26.18	6.61	26.16	6.68	26.14	6.76	26.12	6.84	26.10	6.91	26.08	6.99
28	27.15	6.85	27.13	6.93	27.11	7.01	27.09	7.09	27.07	7.17	27.05	7.25
29	28.12	7.10	28.10	7.18	28.08	7.26	28.06	7.34	28.03	7.42	28.01	7.51
30	29.09	7.34	29.07	7.43	29.04	7.51	29.02	7.60	29.00	7.68	28.98	7.76
31	30.06	7.59	30.04	7.67	30.01	7.76	29.99	7.85	29.97	7.94	29.94	8.02
32	31.03	7.83	31.00	7.92	30.98	8.01	30.96	8.10	30.93	8.19	30.91	8.28
33	32.00	8.08	31.97	8.17	31.95	8.26	31.92	8.36	31.90	8.45	31.88	8.54
34	32.97	8.32	32.94	8.42	32.92	8.51	32.89	8.61	32.87	8.70	32.84	8.80
35	33.94	8.57	33.91	8.66	33.89	8.76	33.86	8.86	33.83	8.96	33.81	9.06
36	34.91	8.81	34.88	8.91	34.85	9.01	34.83	9.12	34.80	9.22	34.77	9.32
37	35.88	9.06	35.85	9.16	35.82	9.26	35.79	9.37	35.77	9.47	35.74	9.58
38	36.85	9.30	36.82	9.41	36.79	9.51	36.76	9.62	36.73	9.73	36.71	9.84
39	37.82	9.54	37.79	9.65	37.76	9.76	37.73	9.87	37.70	9.98	37.67	10.09
40	38.79	9.79	38.75	9.90	38.73	10.02	38.70	10.13	38.67	10.24	38.64	10.35
41	39.76	10.03	39.72	10.15	39.69	10.27	39.66	10.38	39.63	10.50	39.60	10.61
42	40.73	10.28	40.69	10.40	40.66	10.52	40.63	10.63	40.60	10.75	40.57	10.87
43	41.70	10.52	41.66	10.65	41.63	10.77	41.60	10.89	41.57	11.01	41.53	11.13
44	42.66	10.77	42.63	10.89	42.60	11.02	42.57	11.14	42.53	11.26	42.50	11.39
45	43.63	10.01	43.60	11.14	43.57	11.27	43.53	11.39	43.50	11.52	43.47	11.65
46	44.60	11.26	44.57	11.39	44.53	11.52	44.50	11.65	44.47	11.78	44.43	11.91
47	45.57	11.50	45.54	11.64	45.50	11.77	45.47	11.90	45.43	12.03	45.40	12.16
48	46.54	11.75	46.51	11.88	46.47	12.02	46.44	12.15	46.40	12.29	46.36	12.42
49	47.51	11.99	47.47	12.13	47.44	12.27	47.40	12.41	47.37	12.54	47.33	12.68
50	48.48	12.24	48.44	12.38	48.41	12.52	48.37	12.66	48.33	12.80	48.30	12.94
51	49.45	12.48	49.41	12.63	49.38	12.77	49.34	12.91	49.30	13.06	49.26	13.20
52	50.42	12.73	50.38	12.87	50.34	13.02	50.31	13.17	50.27	13.31	50.23	13.46
53	51.39	12.97	51.35	13.12	51.31	13.27	51.27	13.42	51.23	13.57	51.19	13.72
54	52.36	13.22	52.32	13.37	52.28	13.52	52.24	13.67	52.20	13.82	52.16	13.98
55	53.33	13.46	53.29	13.62	53.25	13.77	53.21	13.93	53.17	14.08	53.13	14.24
56	54.30	13.71	54.26	13.86	54.22	14.02	54.18	14.18	54.13	14.34	54.09	14.49
57	55.27	13.95	55.23	14.11	55.18	14.27	55.14	14.43	55.10	14.59	55.06	14.75
58	56.24	14.20	56.19	14.36	56.15	14.52	56.11	14.69	56.07	14.85	56.02	15.01
59	57.21	14.44	57.16	14.61	57.12	14.77	57.08	14.94	57.03	15.10	56.99	15.27
60	58.18	14.68	58.13	14.85	58.09	15.02	58.04	15.19	58.00	15.36	57.96	15.53
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
45	58.54	14.55	58.10	15.10	59.06	15.27	58.01	15.44	58.97	15.62	58.92	15.79
46	60.19	14.72	60.09	15.25	60.05	15.52	59.98	16.70	59.93	15.87	59.89	16.05
47	61.06	14.89	61.04	15.60	60.98	15.77	60.95	15.96	60.90	16.13	60.85	16.31
48	62.03	15.06	62.01	15.24	61.96	16.02	61.91	16.20	61.87	16.38	61.82	16.56
49	63.00	15.23	62.98	16.09	62.93	16.27	62.88	16.46	62.83	16.64	62.78	16.82
50	63.98	16.15	63.95	16.34	63.90	16.52	63.85	16.71	63.80	16.90	63.75	17.08
51	64.95	16.40	64.91	16.59	64.87	16.78	64.82	16.96	64.77	17.15	64.72	17.34
52	65.94	16.64	65.88	16.83	65.83	17.02	65.78	17.22	65.73	17.41	65.68	17.60
53	66.91	16.89	66.85	17.08	66.80	17.28	66.75	17.47	66.70	17.66	66.65	17.86
54	67.88	17.12	67.82	17.33	67.77	17.53	67.72	17.72	67.67	17.92	67.61	18.12
55	68.86	17.38	68.79	17.58	68.74	17.78	68.69	17.98	68.63	18.18	68.58	18.38
56	69.82	17.62	69.76	17.82	69.71	18.03	69.65	18.23	69.60	18.43	69.55	18.63
57	70.78	17.87	70.73	18.07	70.67	18.28	70.62	18.48	70.57	18.69	70.51	18.89
58	71.75	18.11	71.70	18.32	71.64	18.53	71.59	18.74	71.53	18.94	71.48	19.15
59	72.72	18.36	72.67	18.57	72.61	18.78	72.56	18.99	72.50	19.20	72.44	19.41
60	73.69	18.60	73.63	18.81	73.58	19.03	73.52	19.24	73.47	19.46	73.41	19.67
61	74.66	18.85	74.60	19.06	74.55	19.28	74.49	19.50	74.43	19.71	74.38	19.93
62	75.63	19.09	75.57	19.31	75.52	19.53	75.46	19.75	75.40	19.97	75.34	20.19
63	76.60	19.33	76.54	19.56	76.48	19.78	76.43	20.00	76.37	20.22	76.31	20.46
64	77.57	19.58	77.51	19.81	77.45	20.03	77.39	20.26	77.33	20.48	77.27	20.71
65	78.54	19.82	78.48	20.05	78.42	20.28	78.36	20.51	78.30	20.74	78.24	20.96
66	79.51	20.07	79.45	20.30	79.39	20.63	79.33	20.76	79.27	20.99	79.21	21.22
67	80.48	20.31	80.42	20.55	80.36	20.78	80.30	21.02	80.23	21.25	80.17	21.48
68	81.45	20.56	81.39	20.80	81.33	21.03	81.26	21.27	81.20	21.50	81.14	21.74
69	82.42	20.80	82.35	21.04	82.29	21.28	82.23	21.52	82.17	21.76	82.10	22.00
70	83.39	21.05	83.32	21.29	83.26	21.53	83.20	21.77	83.13	22.02	83.07	22.26
71	84.36	21.29	84.29	21.54	84.23	21.78	84.17	22.03	84.10	22.27	84.04	22.52
72	85.33	21.54	85.26	21.79	85.20	22.03	85.13	22.28	85.07	22.53	85.00	22.78
73	86.30	21.78	86.23	22.03	86.17	22.28	86.10	22.53	86.03	22.78	85.97	23.03
74	87.27	22.03	87.20	22.28	87.13	22.53	87.07	22.78	87.00	23.04	86.93	23.29
75	88.24	22.27	88.17	22.53	88.10	22.78	88.03	23.04	87.97	23.30	87.90	23.55
76	89.21	22.52	89.14	22.78	89.07	23.03	89.00	23.29	88.93	23.55	88.87	23.81
77	90.18	22.76	90.11	23.02	90.04	23.29	89.97	23.55	89.90	23.81	89.83	24.07
78	91.15	24.01	91.07	23.27	91.01	23.54	90.94	23.80	90.87	24.06	90.80	24.33
79	92.12	23.25	92.04	23.52	91.97	23.79	91.90	24.05	91.83	24.32	91.76	24.58
80	93.09	23.50	93.01	23.77	92.94	24.04	92.87	24.31	92.80	24.58	92.73	24.85
81	94.06	23.74	93.98	24.01	93.91	24.29	93.84	24.56	93.77	24.83	93.69	25.11
82	95.03	23.99	94.95	24.26	94.88	24.54	94.81	24.81	94.73	25.09	94.66	25.36
83	96.00	24.38	95.92	24.51	95.85	24.79	95.77	25.07	95.70	25.34	95.63	25.62
84	96.97	24.47	96.89	24.76	96.81	25.04	96.74	25.32	96.67	25.60	96.59	25.88
85	97.94	24.72	97.86	25.00	97.78	25.29	97.71	25.57	97.63	25.86	97.56	26.14
86	98.90	24.96	98.82	25.26	98.75	25.54	98.68	25.83	98.60	26.11	98.52	26.40
87	99.87	25.21	99.79	25.50	99.72	25.79	99.64	26.08	99.57	26.37	99.49	26.66
88	100.84	25.46	100.76	25.75	100.69	26.04	100.61	26.33	100.53	26.62	100.46	26.92
89	101.81	25.70	101.73	25.99	101.66	26.29	101.58	26.59	101.50	26.88	101.42	27.18
90	102.78	25.94	102.70	26.24	102.62	26.54	102.55	26.84	102.47	27.14	102.39	27.43
91	103.76	26.19	103.67	26.49	103.59	26.79	103.51	27.09	103.43	27.39	103.35	27.69
92	104.73	26.43	104.64	26.74	104.56	27.04	104.48	27.35	104.40	27.65	104.32	27.95
93	105.69	26.68	105.61	26.98	105.53	27.29	105.46	27.60	105.37	27.90	105.29	28.21
94	106.66	26.92	106.58	27.23	106.50	27.54	106.42	27.85	106.33	28.16	106.26	28.47
95	107.63	27.17	107.54	27.48	107.46	27.78	107.38	28.10	107.30	28.42	107.22	28.73
96	108.60	27.41	108.51	27.72	108.43	28.04	108.35	28.36	108.27	28.67	108.18	28.99
97	109.57	27.66	109.48	27.97	109.40	28.29	109.32	28.61	109.23	28.93	109.15	29.25
98	110.54	27.90	110.45	28.22	110.37	28.54	110.29	28.86	110.20	29.18	110.12	29.51
99	111.51	28.15	111.42	28.47	111.34	28.79	111.25	29.12	111.17	29.44	111.08	29.76
100	112.48	28.39	112.39	28.72	112.31	29.04	112.22	29.37	112.13	29.70	112.05	30.02
101	113.45	28.63	113.36	28.96	113.27	29.29	113.19	29.62	113.10	29.95	113.01	30.28
102	114.42	28.88	114.33	29.21	114.24	29.54	114.16	29.88	114.07	30.21	113.98	30.54
103	115.39	29.12	115.30	29.46	115.21	29.80	115.12	30.13	115.03	30.46	114.93	30.80
104	116.36	29.37	116.26	29.71	116.18	30.05	116.09	30.38	116.00	30.72	115.91	31.06

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

P	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	117.33	29.61	117.23	29.96	117.15	30.30	117.06	30.64	116.97	30.98	116.88	31.32
22	118.30	29.86	118.20	30.20	118.11	30.55	118.02	30.89	117.93	31.23	117.84	31.58
23	119.27	30.10	119.17	30.45	119.08	30.80	118.99	31.14	118.90	31.48	118.81	31.83
24	120.24	30.35	120.14	30.70	120.05	31.06	119.96	31.40	119.87	31.74	119.77	32.09
25	121.21	30.59	121.11	30.95	121.02	31.30	120.93	31.65	120.83	32.00	120.74	32.35
26	122.18	30.84	122.08	31.19	121.99	31.55	121.89	31.90	121.80	32.26	121.71	32.61
27	123.15	31.08	123.05	31.44	122.95	31.80	122.86	32.16	122.77	32.51	122.67	32.87
28	124.12	31.33	124.02	31.69	123.92	32.05	123.83	32.41	123.73	32.77	123.64	33.13
29	125.09	31.57	124.98	31.94	124.89	32.30	124.80	32.66	124.70	33.02	124.60	33.38
130	126.05	31.82	125.95	32.18	125.86	32.55	125.76	32.92	125.67	33.28	125.57	33.65
31	127.02	32.06	126.92	32.43	126.83	32.80	126.73	33.17	126.63	33.54	126.54	33.91
32	127.99	32.31	127.89	32.68	127.80	33.05	127.70	33.42	127.60	33.79	127.50	34.16
33	128.96	32.55	128.86	32.93	128.76	33.30	128.67	33.68	128.57	34.05	128.47	34.42
34	129.93	32.80	129.83	33.17	129.73	33.55	129.63	33.93	129.53	34.30	129.43	34.68
35	130.90	33.04	130.80	33.42	130.70	33.80	130.60	34.18	130.50	34.56	130.40	34.94
36	131.87	33.29	131.77	33.67	131.67	34.05	131.57	34.43	131.47	34.82	131.37	35.20
37	132.84	33.53	132.74	33.92	132.64	34.30	132.54	34.69	132.43	35.07	132.33	35.46
38	133.81	33.77	133.70	34.16	133.60	34.55	133.50	34.94	133.40	35.33	133.30	35.72
39	134.78	34.02	134.67	34.41	134.57	34.80	134.47	35.19	134.37	35.58	134.26	35.98
140	135.75	34.26	135.64	34.66	135.54	35.05	135.44	35.45	135.33	35.84	135.23	36.23
41	136.72	34.51	136.61	34.91	136.51	35.30	136.41	35.70	136.30	36.10	136.20	36.49
42	137.69	34.75	137.58	35.16	137.48	35.55	137.37	35.95	137.27	36.35	137.16	36.75
43	138.66	35.00	138.55	35.40	138.45	35.80	138.34	36.21	138.23	36.61	138.13	37.01
44	139.63	35.24	139.52	35.65	139.41	36.05	139.31	36.46	139.20	36.86	139.09	37.27
45	140.60	35.49	140.49	35.90	140.38	36.31	140.28	36.71	140.17	37.12	140.06	37.53
46	141.57	35.73	141.46	36.14	141.35	36.56	141.24	36.97	141.13	37.38	141.03	37.79
47	142.54	35.98	142.42	36.39	142.32	36.81	142.21	37.22	142.10	37.63	141.99	38.05
48	143.51	36.22	143.39	36.64	143.29	37.06	143.18	37.47	143.07	37.89	142.96	38.31
49	144.48	36.47	144.36	36.89	144.25	37.31	144.14	37.73	144.03	38.14	143.92	38.56
150	145.45	36.71	145.33	37.13	145.22	37.56	145.11	37.98	145.00	38.40	144.89	38.82
51	146.42	36.96	146.30	37.38	146.19	37.81	146.08	38.23	145.97	38.66	145.85	39.08
52	147.39	37.20	147.27	37.63	147.16	38.06	147.05	38.49	146.93	38.91	146.82	39.34
53	148.36	37.45	148.24	37.88	148.13	38.31	148.01	38.74	147.90	39.17	147.79	39.60
54	149.33	37.69	149.21	38.12	149.09	38.56	148.98	38.99	148.87	39.42	148.75	39.86
55	150.30	37.94	150.18	38.37	150.06	38.81	149.95	39.25	149.83	39.68	149.72	40.12
56	151.26	38.18	151.14	38.62	151.03	39.06	150.92	39.50	150.80	39.94	150.68	40.38
57	152.23	38.42	152.11	38.87	152.00	39.31	151.88	39.75	151.77	40.19	151.65	40.63
58	153.20	38.67	153.08	39.11	152.97	39.56	152.85	40.00	152.73	40.45	152.62	40.89
59	154.17	38.91	154.05	39.36	153.94	39.81	153.82	40.26	153.70	40.70	153.58	41.15
160	155.14	39.16	155.02	39.61	154.90	40.06	154.79	40.51	154.67	40.96	154.55	41.41
61	156.11	39.40	155.99	39.86	155.87	40.31	155.75	40.76	155.63	41.22	155.51	41.67
62	157.08	39.65	156.96	40.10	156.84	40.56	156.72	41.02	156.60	41.47	156.48	41.93
63	158.05	39.89	157.93	40.35	157.81	40.81	157.69	41.27	197.57	41.73	157.45	42.19
64	159.02	40.14	158.89	40.60	158.78	41.06	158.66	41.52	158.53	41.98	158.41	42.45
65	159.99	40.38	159.86	40.85	159.74	41.31	159.62	41.78	159.50	42.24	159.38	42.71
66	160.96	40.63	160.83	41.10	160.71	41.56	160.59	42.03	160.47	42.50	160.34	42.96
67	161.93	40.87	161.80	41.34	161.68	41.81	161.56	42.28	161.43	42.75	161.31	43.22
68	162.90	41.12	162.77	41.59	162.65	42.06	162.53	42.54	162.40	43.01	162.28	43.48
69	163.87	41.36	163.74	41.84	163.62	42.31	163.49	42.79	163.37	43.26	163.24	43.74
170	164.84	41.61	164.71	42.09	164.59	42.56	164.46	43.04	164.33	43.52	164.21	44.00
71	165.81	41.85	165.68	42.33	165.55	42.81	165.43	43.30	165.30	43.78	165.17	44.26
72	166.78	42.10	166.65	42.58	166.52	43.07	166.40	43.55	166.27	44.03	166.14	44.52
73	167.75	42.34	167.61	42.83	167.49	43.32	167.36	43.80	167.23	44.29	167.11	44.78
74	168.72	42.59	168.58	43.08	168.46	43.57	168.33	44.06	168.20	44.54	168.07	45.03
75	169.69	42.83	169.55	43.32	169.43	43.82	169.30	44.31	169.17	44.80	169.04	45.29
76	170.66	43.07	170.52	43.57	170.39	44.07	170.27	44.56	170.13	45.06	170.00	45.55
77	171.63	43.32	171.49	43.82	171.36	44.32	171.23	44.82	171.10	45.31	170.97	45.81
78	172.60	43.56	172.46	44.07	172.33	44.57	172.20	45.07	172.07	45.57	171.94	46.07
79	173.57	43.81	173.43	44.31	173.30	44.82	173.17	45.32	173.03	45.82	172.90	46.33
180	174.54	44.05	174.40	44.56	174.27	45.07	174.13	45.58	174.00	46.08	173.87	46.59
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

P.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
181	175.51	44.30	175.37	44.81	175.23	45.32	175.10	45.83	174.97	46.34	174.83	46.85
82	176.48	44.54	176.33	45.06	176.20	45.57	176.07	46.08	175.93	46.59	175.80	47.11
83	177.45	44.79	177.30	45.30	177.17	45.82	177.04	46.33	176.90	46.85	176.76	47.36
84	178.42	45.03	178.27	45.55	178.14	46.07	178.00	46.59	177.87	47.10	177.73	47.62
85	179.38	45.28	179.24	45.80	179.11	46.32	178.97	46.84	178.83	47.36	178.70	47.88
86	180.35	45.52	180.21	46.05	180.08	46.57	179.94	47.09	179.80	47.62	179.66	48.14
87	181.32	45.77	181.18	46.29	181.04	46.82	180.91	47.35	180.77	47.87	180.63	48.40
88	182.29	46.01	182.15	46.54	182.01	47.07	181.87	47.60	181.73	48.13	181.59	48.66
89	183.26	46.26	183.12	46.79	182.98	47.32	182.84	47.85	182.70	48.38	182.56	48.92
190	184.23	46.50	184.09	47.04	183.95	47.57	183.81	48.11	183.67	48.64	183.53	49.18
91	185.20	46.75	185.05	47.28	184.92	47.82	184.78	48.36	184.63	48.90	184.49	49.43
92	186.17	46.99	186.02	47.53	185.88	48.07	185.74	48.61	185.60	49.15	185.46	49.69
93	187.14	47.24	186.99	47.78	186.85	48.32	186.71	48.87	186.57	49.41	186.42	49.95
94	188.11	47.48	187.96	48.03	187.82	48.57	187.68	49.12	187.53	49.66	187.39	50.21
95	189.08	47.72	188.93	48.27	188.79	48.82	188.65	49.37	188.50	49.92	188.36	50.47
96	190.05	47.97	189.90	48.52	189.76	49.07	189.61	49.63	189.47	50.18	189.32	50.73
97	191.02	48.21	190.87	48.77	190.73	49.32	190.58	49.88	190.43	50.43	190.29	50.99
98	191.99	48.46	191.84	49.02	191.69	49.58	191.55	50.13	191.40	50.69	191.25	51.25
99	192.96	48.70	192.81	49.26	192.66	49.83	192.52	50.39	192.37	50.94	192.22	51.50
200	193.93	48.95	193.77	49.51	193.63	50.08	193.48	50.64	193.33	51.20	193.19	51.76
01	194.90	49.19	194.74	49.76	194.60	50.33	194.45	50.89	194.30	51.46	194.15	52.02
02	197.87	49.44	195.71	50.01	195.57	50.58	195.42	51.15	195.27	51.71	195.12	52.28
03	196.84	49.68	196.68	50.26	196.53	50.83	196.39	51.40	196.23	51.97	196.08	52.54
04	197.81	49.93	197.65	50.50	197.50	51.08	197.35	51.65	197.20	52.22	197.05	52.80
05	198.78	50.17	198.62	50.75	198.47	51.33	198.32	51.91	198.17	52.48	198.02	53.06
06	199.77	50.42	199.59	51.00	199.44	51.58	199.29	52.16	199.13	52.74	198.98	53.32
07	200.72	50.66	200.56	51.25	200.41	51.83	200.26	52.41	200.10	52.99	199.95	53.58
08	201.69	50.91	201.53	51.49	201.37	52.08	201.22	52.66	201.07	53.25	200.91	53.83
09	202.66	51.15	202.49	51.74	202.34	52.33	202.19	52.92	202.03	53.59	201.88	54.09
210	203.63	51.40	203.46	51.99	203.31	52.58	203.16	53.17	203.00	53.76	202.84	54.35
11	204.60	51.64	204.43	52.24	204.28	52.83	204.12	53.42	203.97	54.02	203.81	54.61
12	205.57	51.89	205.40	52.48	205.25	53.08	205.09	53.68	204.93	54.27	204.78	54.87
13	206.54	52.13	206.37	52.73	206.22	53.33	206.06	53.93	205.90	54.53	205.74	55.13
14	207.51	52.38	207.34	52.98	207.18	53.58	207.03	54.18	206.87	54.78	206.71	55.39
15	208.48	52.62	208.31	53.23	208.15	53.83	207.99	54.44	207.83	55.04	207.67	55.65
16	209.45	52.86	209.28	53.47	209.12	54.08	208.96	54.69	208.80	55.30	208.64	55.90
17	210.41	53.11	210.25	53.72	210.09	54.33	209.93	54.94	209.77	55.55	209.61	56.16
18	211.38	53.35	211.21	53.97	211.06	54.58	210.90	55.20	210.73	55.81	210.57	56.42
19	212.35	53.60	212.18	54.22	212.02	54.83	211.86	55.45	211.70	56.06	211.54	56.68
220	213.32	53.84	213.15	54.46	212.99	55.08	212.83	55.70	212.67	56.32	212.50	56.94
21	214.29	54.09	214.12	54.71	213.96	55.33	213.80	55.96	213.63	56.58	213.47	57.20
22	215.26	54.33	215.09	54.96	214.93	55.58	214.77	56.21	214.60	56.83	214.44	57.46
23	216.23	54.58	216.06	55.21	215.90	55.83	215.73	56.46	215.57	57.09	215.40	57.72
24	217.20	54.82	217.03	55.45	216.87	56.09	216.70	56.72	216.53	57.34	216.37	57.98
25	218.17	55.07	218.00	55.70	217.83	56.34	217.67	56.97	217.50	57.60	217.33	58.23
26	219.14	55.31	218.96	55.95	218.80	56.59	218.64	57.22	218.47	57.86	218.30	58.49
27	220.11	55.56	219.93	56.20	229.77	56.84	219.60	57.48	219.43	58.11	219.27	58.75
28	221.08	55.80	220.90	56.44	220.74	57.09	220.57	57.73	220.40	58.37	220.23	59.01
29	222.05	56.05	221.87	56.69	221.71	57.34	221.54	57.98	221.37	58.62	221.20	59.27
230	223.02	56.29	222.84	56.94	222.67	57.59	222.51	58.24	222.33	58.88	222.16	59.53
31	223.99	56.54	223.81	57.19	223.64	57.84	223.47	58.49	223.30	59.14	223.13	59.79
32	224.96	56.78	224.78	57.43	224.61	58.09	224.44	58.74	224.27	59.39	224.10	60.05
33	225.93	57.03	225.75	57.68	225.58	58.34	225.41	58.99	225.23	59.65	225.06	60.30
34	226.90	57.27	226.72	57.93	226.55	58.59	226.38	59.25	226.20	59.90	226.03	60.56
35	227.87	57.51	227.68	58.18	227.52	58.84	227.34	59.50	227.17	60.16	226.99	60.82
36	228.84	57.76	228.65	58.42	228.48	59.09	228.31	59.75	228.13	60.42	227.96	61.08
37	229.81	58.00	229.62	58.67	229.45	59.34	229.28	60.01	229.10	60.67	228.92	61.34
38	230.78	58.25	230.59	58.92	230.42	59.59	230.25	60.26	230.07	60.93	229.89	61.60
39	231.75	58.49	231.56	59.17	231.39	59.84	231.21	60.51	231.03	61.18	230.86	61.86
240	232.72	58.74	232.53	59.42	232.36	60.09	232.18	60.77	232.00	61.44	231.82	62.12

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	233.69	58.98	233.50	59.66	233.32	60.34	233.15	61.02	232.97	61.70	232.79	62.38
42	234.66	59.23	234.47	59.91	234.29	60.59	234.11	61.27	233.93	61.95	233.75	62.63
43	235.63	59.47	235.44	60.16	235.26	60.84	235.08	61.53	234.90	62.21	234.72	62.89
44	236.60	59.72	236.40	60.41	236.23	61.09	236.05	61.78	235.87	62.46	235.69	63.15
45	237.56	59.96	237.37	60.65	237.20	61.34	237 02	62.03	236.83	62.72	236.65	63.41
46	238.53	60.21	238.34	60.90	238.16	61.59	237.98	62.29	237.80	62.98	237.62	63.67
47	239.50	60.45	239.31	61.15	239.13	61.84	238.95	62.54	238.77	63.23	238.58	63.93
48	240.47	60.70	240.28	61.40	240.10	62.09	239.92	62.79	239.73	63.49	239.55	64.19
49	241.44	60.94	241.25	61.64	241.07	62.34	240.89	63.05	240.70	63.74	240.52	64.45
250	242.41	61.19	242.22	61.89	242.04	62.60	241.85	63.30	241.67	64.00	241.48	64.70
51	243.38	61.43	243.19	62,14	243.01	62,85	242.82	63,55	242.63	64.26	242.45	64.96
52	244.35	61.68	244.16	62.39	243.97	63.10	243,79	63.81	243.60	64,51	243.41	65.22
53	245.32	61.92	245,12	62.63	244.94	63.35	244.76	64.06	244.57	64.77	244.38	65.48
54	246.29	62.16	246.09	62,88	245.91	63.60	245.72	64.31	245.53	65.02	245.35	65.74
55	247.26	62.41	247,06	63 13	246.88	63,85	246.69	64.56	246.50	65,28	246.31	66.00
56	248.23	62.65	248,03	63.38	247,85	64.10	247,66	64.82	247,47	65.54	247.28	66.26
57	249.20	62.90	249,00	63.62	248,81	64.35	248.63	65,07	248.43	65.79	248.24	66,52
58	250.17	63.14	249.97	63.87	249.78	64.60	249.59	65,32	249.40	66.05	249.21	66.78
59	251.14	63.39	250.94	64,12	250,75	64.85	250,56	65,58	250,37	66.30	250,18	67.03
260	252.11	63.63	251.91	64.37	251.72	65.10	251.53	65.83	251.33	66.56	251.14	67.29
61	253.08	63,88	252.88	64,61	252,69	65.35	252,50	66.08	252,30	66,82	252,11	67,55
62	254.05	64.12	253.84	64.86	253,66	65.60	253.46	66,34	253.27	67,07	253.07	67.81
63	255.02	64.37	254.81	65,11	254.62	65.85	254.43	66.59	254,23	67.33	254.04	68.07
64	255.99	64,61	255,78	65.36	255.59	66.10	255.40	66,84	255,20	67,58	255,00	68.33
65	256.96	64.86	256.75	65.60	256.56	66,35	256,37	67.10	256.17	67,84	255,97	68.59
66	257.93	65.10	257.72	65.85	257.23	66,60	257.33	67.35	257,13	68.10	256,94	68.85
67	258.90	65.35	258.69	66.10	258,50	66,85	258.30	67,60	258.10	68,35	257.90	69,10
68	259.87	65.59	259.66	66,66	259.46	67,10	259,27	67.86	259,07	68.61	258,87	69.36
69	260.84	65.84	260.63	66,35	260.43	67.35	260.24	68,11	260,03	68.86	259.83	69.62
270	261.81	66.08	261.60	66.84	261.40	67.60	261.20	68.36	261.00	69.12	260.80	69.88
71	262.78	66.33	262,56	67.09	262,37	67.85	262,17	68,62	261,97	69,38	261,77	70.14
72	263.75	66.57	263.53	67,34	263.34	68.10	263.14	68,87	262,93	69.63	262.73	70.40
73	264.72	66.81	264,50	67,58	264,30	68,35	264.10	69.12	263,90	69.89	263.70	70.66
74	265.68	67.06	265.47	67,83	265.27	68,60	265.07	69,38	264.87	70.14	264.66	70.92
75	266.65	67.30	266.44	68.08	266,24	68,85	266.04	69,63	265,83	70.40	265.63	71.18
76	267.62	67.55	267.41	68,33	267,21	69,10	267.01	69,88	266,80	70.66	266.60	71.43
77	268.59	67.79	268.38	68.57	268,18	69.36	267,97	70.14	267,77	70,91	267.56	71.69
78	269.56	68.04	269.35	68.82	269.15	69,61	268.94	70.39	268,73	71.17	268,53	71.95
79	270.53	68.28	270.32	69.07	270,11	69.86	269,91	70,64	269,70	71,42	269,49	72.21
280	271.50	68.53	271.28	69.32	271.08	70.11	270.88	70.89	270.67	71.68	270.46	72.47
81	272.47	68.77	272.25	69.56	272.05	70,36	271.84	71.15	271.63	71,94	271.43	72.73
82	273.44	69.02	273.22	69.81	273.02	70.61	272.81	71.40	272.60	72.19	272.39	72.99
83	274.41	69.26	274.19	70.06	273.99	70.86	273.78	71.65	273.57	72.45	273.36	73.25
84	275.38	69.51	275.16	70,31	274.95	71.11	274,75	71,91	274,53	72,70	274.32	73.50
85	276.35	69.75	276.13	70.56	275.92	71.36	275,71	72,16	275.50	72,96	275.29	73.76
86	277.32	70.00	277.10	70.80	276.89	71.61	276.68	72,41	276,47	73.22	276.26	74.02
87	278.29	70.24	278.07	71.05	277.86	71.86	277.65	72.67	277,43	73,47	277.22	74.28
88	279.26	70.49	279.03	71.30	278.83	72.11	278.62	72,92	278.40	73.73	278.19	74.54
89	280.23	70.73	280.00	71.55	279.80	72.36	279.58	73.17	279,37	73,98	279.15	74.80
290	281.20	70.98	280.97	71.79	280.76	72.61	280.55	73.43	280.33	74.24	280.12	75.06
91	282.17	71.22	281.94	72.04	281.73	72.86	281.52	73.68	281.30	74.50	281.08	75.32
92	283.14	71.46	282.91	72.29	282.70	73.11	282.49	73.93	282.27	74.75	282.05	75.58
93	284.11	71.71	283.88	72.54	283.67	73.36	283.45	74.19	283.23	75,01	283.02	75.83
94	285,08	71,95	284.85	72,78	284,64	73.61	284.42	74.44	284.20	75,26	283.98	76.09
95	286.05	72,20	285.82	73.03	285,60	73,86	285,39	74.69	285,17	75.52	284.95	76.35
96	287.02	72.44	286.79	73.28	286,57	74,11	286,36	74.95	286,13	75.78	285.91	76.61
97	287.99	72.69	287.75	73,53	287,54	74.36	287,32	75.20	287.10	76.03	286.88	76.87
98	288.96	72.93	288.72	73,77	288,51	74,61	288.29	75.45	287.07	76.29	287.85	77.13
99	289.93	73.18	289.69	74,02	289.48	74.86	289.26	75.71	289.03	76.54	288.81	77.39
300	290,90	73.42	290.66	74.27	290.44	75.11	290.22	75.96	290.00	76.80	289.78	77.65

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.97	0.26	0.96	0.26	0.96	0.27	0.96	0.27	0.96	0.27	0.96	0.28
2	1.93	0.52	1.93	0.53	1.93	0.53	1.93	0.54	1.92	0.55	1.92	0.55
3	2.90	0.78	2.89	0.79	2.89	0.80	2.89	0.81	2.89	0.82	2.88	0.83
4	3.86	1.05	3.86	1.06	3.85	1.07	3.85	1.08	3.85	1.09	3.85	1.10
5	4.83	1.31	4.82	1.32	4.82	1.34	4.81	1.35	4.81	1.36	4.81	1.38
6	5.79	1.57	5.79	1.59	5.78	1.60	5.78	1.62	5.77	1.64	5.77	1.65
7	6.76	1.83	6.75	1.85	6.75	1.87	6.74	1.89	6.73	1.91	6.73	1.93
8	7.72	2.09	7.72	2.12	7.71	2.14	7.70	2.16	7.70	2.18	7.69	2.21
9	8.69	2.35	8.68	2.38	8.67	2.41	8.67	2.43	8.66	2.46	8.65	2.48
10	9.65	2.62	9.64	2.64	9.64	2.67	9.63	2.70	9.62	2.73	9.61	2.76
11	10.62	2.88	10.61	2.91	10.60	2.94	10.59	2.97	10.58	3.00	10.57	3.03
12	11.58	3.14	11.57	3.17	11.56	3.21	11.55	3.24	11.54	3.27	11.54	3.31
13	12.55	3.40	12.54	3.44	12.53	3.47	12.52	3.51	12.51	3.55	12.50	3.58
14	13.51	3.66	13.50	3.70	13.49	3.74	13.48	3.78	13.47	3.82	13.46	3.86
15	14.48	3.92	14.47	3.97	14.45	4.01	14.44	4.05	14.43	4.09	14.42	4.13
16	15.44	4.19	15.43	4.23	15.42	4.28	15.41	4.32	15.39	4.37	15.38	4.41
17	16.41	4.45	16.39	4.50	16.38	4.54	16.37	4.59	16.36	4.64	16.34	4.69
18	17.37	4.71	17.36	4.76	17.35	4.81	17.33	4.86	17.32	4.91	17.30	4.96
19	18.34	4.97	18.32	5.02	18.31	5.08	18.29	5.13	18.28	5.18	18.26	5.24
20	19.30	5.23	19.29	5.29	19.27	5.34	19.26	5.40	19.24	5.46	19.23	5.51
21	20.27	5.49	20.25	5.55	20.24	5.61	20.22	5.67	20.20	5.73	20.19	5.79
22	21.23	5.76	21.22	5.82	21.20	5.88	21.18	5.94	21.17	6.00	21.15	6.06
23	22.20	6.02	22.18	6.08	22.16	6.15	22.15	6.21	22.13	6.28	22.11	6.34
24	23.16	6.28	23.15	6.35	23.13	6.41	23.11	6.48	23.09	6.55	23.07	6.62
25	24.13	6.54	24.11	6.61	24.09	6.68	24.07	6.75	24.05	6.82	24.03	6.89
26	25.09	6.80	25.07	6.88	25.05	6.95	25.03	7.02	25.01	7.09	24.99	7.17
27	26.06	7.06	26.04	7.14	26.02	7.22	26.00	7.29	25.98	7.37	25.95	7.44
28	27.02	7.33	27.00	7.40	26.98	7.48	26.96	7.56	26.94	7.64	26.92	7.72
29	27.99	7.59	27.97	7.67	27.95	7.75	27.92	7.83	27.90	7.91	27.88	7.99
30	28.96	7.85	28.93	7.93	28.91	8.02	28.88	8.10	28.86	8.19	28.84	8.27
31	29.92	8.11	29.90	8.20	29.87	8.28	29.85	8.37	29.82	8.46	29.80	8.54
32	30.89	8.37	30.86	8.46	30.84	8.55	30.81	8.64	30.79	8.73	30.76	8.82
33	31.85	8.63	31.83	8.73	31.80	8.82	31.77	8.91	31.75	9.00	31.72	9.10
34	32.82	8.90	32.79	8.99	32.76	9.09	32.74	9.18	32.71	9.28	32.68	9.37
35	33.78	9.16	33.75	9.26	33.73	9.35	33.70	9.45	33.67	9.55	33.64	9.65
36	34.75	9.42	34.72	9.52	34.69	9.62	34.66	9.72	34.63	9.82	34.61	9.92
37	35.71	9.68	35.68	9.78	35.65	9.89	35.62	9.99	35.60	10.10	35.57	10.20
38	36.68	9.94	36.65	10.05	36.62	10.16	36.59	10.26	36.56	10.37	36.53	10.47
39	37.64	10.20	37.61	10.31	37.58	10.42	37.55	10.53	37.52	10.64	37.49	10.75
40	38.61	10.47	38.58	10.58	38.55	10.69	38.51	10.80	38.48	10.91	38.45	11.03
41	39.57	10.73	39.54	10.84	39.51	10.96	39.48	11.07	39.44	11.19	39.41	11.30
42	40.54	10.99	40.50	11.11	40.47	11.22	40.44	11.34	40.41	11.46	40.37	11.58
43	41.50	11.25	41.47	11.37	41.44	11.49	41.40	11.61	41.37	11.73	41.33	11.85
44	42.47	11.51	42.43	11.64	42.40	11.76	42.37	11.88	42.33	12.00	42.30	12.13
45	43.43	11.77	43.40	11.90	43.36	12.03	43.33	12.15	43.29	12.28	43.26	12.40
46	44.40	12.03	44.36	12.16	44.33	12.29	44.29	12.42	44.26	12.55	44.22	12.68
47	45.36	12.30	45.33	12.43	45.29	12.56	45.25	12.69	45.22	12.82	45.18	12.95
48	46.33	12.56	46.29	12.69	46.25	12.83	46.22	12.96	46.18	13.10	46.14	13.23
49	47.29	12.82	47.26	12.96	47.22	13.09	47.18	13.23	47.14	13.37	47.10	13.51
50	48.26	13.08	48.22	13.22	48.18	13.36	48.14	13.50	48.10	13.64	48.06	13.78
51	49.22	13.34	49.18	13.49	49.14	13.63	49.11	13.77	49.07	13.91	49.02	14.06
52	50.19	13.60	50.15	13.75	50.11	13.90	50.07	14.04	50.03	14.19	49.99	14.33
53	51.15	13.87	51.11	14.02	51.07	14.16	51.03	14.31	50.99	14.46	50.95	14.61
54	52.12	14.13	52.08	14.28	52.03	14.43	51.99	14.58	51.95	14.73	51.91	14.88
55	53.08	14.39	53.04	14.54	53.00	14.70	52.96	14.85	52.91	15.01	52.87	15.16
56	54.05	14.65	54.01	14.81	53.96	14.97	53.92	15.12	53.88	15.28	53.83	15.44
57	55.01	14.91	54.97	15.07	54.93	15.23	54.88	15.39	54.84	15.55	54.79	15.71
58	55.98	15.17	55.94	15.34	55.89	15.50	55.85	15.66	55.80	15.82	55.75	15.99
59	56.94	15.44	56.90	15.60	56.85	15.77	56.81	15.93	56.76	16.10	56.71	16.26
60	57.91	15.70	56.57	15.87	57.82	16.03	57.77	16.20	57.72	16.37	57.68	16.54
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

P	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	58.88	15.96	58.83	16.13	58.78	16.30	58.73	16.47	58.69	16.64	58.64	16.81
62	59.84	16.22	59.79	16.40	59.74	16.57	59.70	16.74	59.65	16.92	59.60	17.09
63	60.81	16.48	60.76	16.66	60.71	16.84	60.66	17.01	60.61	17.19	60.56	17.37
64	61.77	16.74	61.72	16.92	61.67	17.10	61.62	17.28	61.57	17.46	61.52	17.64
65	62.74	17.01	62.69	17.19	62.64	17.37	62.59	17.55	62.53	17.73	62.48	17.92
66	63.70	17.27	63.65	17.45	63.60	17.64	63.55	17.82	63.50	18.01	63.44	18.19
67	64.67	17.53	64.62	17.72	64.56	17.91	64.51	18.09	64.46	18.28	64.40	18.47
68	65.63	17.79	65.58	17.98	65.53	18.17	65.47	18.36	65.42	18.55	65.37	18.74
69	66.60	18.05	66.54	18.25	66.49	18.44	66.44	18.63	66.38	18.83	66.33	19.02
70	67.56	18.31	67.51	18.51	67.46	18.71	67.40	18.90	67.34	19.10	67.29	19.29
71	68.53	18.58	68.47	18.78	68.42	18.97	68.36	19.17	68.31	19.37	68.25	19.57
72	69.49	18.84	69.44	19.04	69.38	19.24	69.33	19.44	69.27	19.64	69.21	19.84
73	70.46	19.10	70.40	19.30	70.34	19.51	70.29	19.71	70.23	19.92	70.17	20.12
74	71.42	19.36	71.37	19.57	71.31	19.78	71.25	19.98	71.19	20.19	71.13	20.40
75	72.39	19.62	72.33	19.83	72.27	20.04	72.21	20.25	72.15	20.46	72.09	20.67
76	73.35	19.88	73.29	20.10	73.24	20.31	73.18	20.52	73.12	20.74	73.06	20.95
77	74.32	20.15	74.26	20.36	74.20	20.58	74.14	20.79	74.08	21.01	74.02	21.23
78	75.28	20.41	75.22	20.63	75.16	20.84	75.10	21.06	75.04	21.28	74.98	21.50
79	76.25	20.67	76.19	20.89	76.13	21.11	76.07	21.33	76.00	21.55	75.94	21.78
80	77.21	20.93	77.15	21.16	77.09	21.38	77.03	21.60	76.96	21.83	76.90	22.05
81	78.18	21.19	78.12	21.42	78.05	21.65	77.99	21.87	77.93	22.10	77.86	22.33
82	79.14	21.45	79.08	21.68	79.02	21.91	78.95	22.14	78.89	22.37	78.82	23.60
83	80.11	21.72	80.05	21.95	79.98	22.18	79.92	22.41	79.85	22.65	79.78	22.88
84	81.07	21.98	81.01	22.21	80.94	22.45	80.88	22.68	80.81	22.92	80.73	23.15
85	82.04	22.24	81.97	22.48	81.91	22.72	81.84	22.95	81.78	23.19	81.71	23.43
86	83.00	22.50	82.94	22.74	82.87	22.98	82.81	23.22	82.74	23.46	82.67	23.70
87	83.97	22.76	83.90	23.01	83.84	23.25	83.77	23.49	83.70	23.74	83.63	23.98
88	84.93	23.02	84.87	23.27	84.80	23.52	84.73	23.76	84.66	24.01	84.59	24.26
89	85.90	23.28	85.83	23.54	85.76	23.78	85.69	24.03	85.62	24.28	85.55	24.53
90	86.87	23.55	86.80	23.80	86.73	24.05	86.66	24.30	86.59	24.56	86.51	24.81
91	87.83	23.81	87.76	24.06	87.69	24.32	87.62	24.57	87.55	24.83	87.47	25.08
92	88.80	24.07	88.73	24.33	88.65	24.59	88.58	24.84	88.51	25.10	88.44	25.36
93	89.76	24.33	89.69	24.59	89.62	24.85	89.54	25.11	89.47	25.37	89.40	25.63
94	90.73	24.59	90.65	24.86	90.58	25.12	90.51	25.38	90.43	25.65	90.36	25.91
95	91.69	24.85	91.62	25.12	91.54	25.39	91.47	25.65	91.40	25.92	91.32	26.19
96	92.66	25.12	92.58	25.39	92.51	25.66	92.43	25.92	92.36	26.19	92.28	26.46
97	93.62	25.38	93.55	25.65	93.47	25.92	93.40	26.19	93.32	26.47	93.24	26.74
98	94.59	25.64	94.51	25.92	94.44	26.19	94.36	26.46	94.28	26.74	94.20	27.01
99	95.55	25.90	95.48	26.18	95.40	26.46	95.32	26.73	95.24	27.01	95.16	27.29
100	96.52	26.16	96.44	26.44	96.36	26.72	96.28	27.00	96.21	27.28	96.13	27.56
01	97.48	26.42	97.40	26.71	97.33	26.99	97.25	27.27	97.17	27.56	97.09	27.84
02	98.45	26.69	98.37	26.97	98.29	27.26	98.21	27.54	98.13	27.83	98.05	28.11
03	99.41	26.95	99.33	27.24	99.25	27.53	99.17	27.81	99.09	28.10	99.01	28.39
04	100.38	27.21	100.30	27.50	100.22	27.79	100.14	28.08	100.05	28.38	99.97	28.67
05	101.34	27.47	101.26	27.77	101.18	28.06	101.10	28.35	101.02	28.65	100.93	28.94
06	102.31	27.73	102.23	28.03	102.14	28.33	102.06	28.62	101.98	28.92	101.89	29.22
07	103.27	27.99	103.19	28.30	103.11	28.60	103.02	28.89	102.94	29.19	102.85	29.49
08	104.24	28.26	104.16	28.56	104.07	28.86	103.99	29.16	103.90	29.47	103.82	29.77
09	105.20	28.52	105.12	28.82	105.04	29.13	104.95	29.43	104.86	29.74	104.78	30.04
110	106.17	28.78	106.08	29.09	106.00	29.40	105.91	29.70	105.83	30.01	105.74	30.32
11	107.13	29.04	107.05	29.35	106.96	29.66	106.88	29.97	106.79	30.29	106.70	30.60
12	108.10	29.30	108.01	29.62	107.93	29.93	107.84	30.24	107.75	30.56	107.66	30.87
13	109.06	29.56	108.98	29.88	108.89	30.20	108.80	30.51	108.71	30.83	108.62	31.15
14	110.03	29.83	109.94	30.15	109.85	30.47	109.76	30.78	109.67	31.10	109.58	31.42
15	110.99	30.09	110.91	30.41	110.82	30.73	110.73	31.05	110.64	31.38	110.54	31.70
16	111.96	30.35	111.87	30.68	111.78	31.00	111.69	31.32	111.60	31.65	111.51	31.97
17	112.92	30.61	112.84	30.94	112.74	31.27	112.65	31.59	112.56	31.92	112.47	32.25
18	113.89	30.87	113.80	31.20	113.71	31.53	113.62	31.86	113.52	32.20	113.43	32.53
19	114.85	31.13	114.76	31.47	114.67	31.80	114.58	32.13	114.49	32.47	114.39	32.80
120	115.82	31.40	115.73	31.73	115.64	32.07	115.54	32.40	115.45	32.74	115.35	33.08

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	116.78	31.66	116.69	32.00	116.60	32.34	116.50	32.67	116.41	33.01	116.31	33.35
22	117.75	31.92	117.66	32.26	117.56	32.60	117.47	32.94	117.37	33.29	117.27	33.63
23	118.71	32.18	118.62	32.53	118.53	32.87	118.43	33.21	118.33	33.56	118.23	33.90
24	119.68	32.44	119.59	32.78	119.49	33.14	119.39	33.48	119.30	33.83	119.20	34.18
25	120.64	32.70	120.55	33.06	120.45	33.41	120.36	33.76	120.26	34.11	120.16	34.45
26	121.61	32.97	121.52	33.32	121.42	33.67	121.32	34.03	121.22	34.38	121.12	34.73
27	122.57	33.23	122.48	33.58	122.38	33.94	122.28	34.30	122.18	34.65	122.08	35.01
28	123.54	33.49	123.44	33.85	123.34	34.21	123.24	34.57	123.14	34.92	123.04	35.28
29	124.50	33.75	124.41	34.11	124.31	34.47	124.21	34.84	124.11	35.20	124.00	35.56
130	125.47	34.01	125.37	34.38	125.27	34.74	125.17	35.11	125.07	35.47	124.96	35.83
31	126.43	34.27	126.34	34.64	126.24	35.01	126.13	35.38	126.03	35.74	125.92	36.11
32	127.40	34.53	127.30	34.91	127.20	35.28	127.10	35.65	126.99	36.01	126.89	36.38
33	128.36	34.80	128.27	35.17	128.16	35.54	128.06	35.92	127.95	36.29	127.85	36.66
34	129.33	35.06	129.23	35.44	129.13	35.81	129.02	36.19	128.92	36.56	128.81	36.94
35	130.29	35.32	130.19	35.70	130.09	36.08	129.98	36.46	129.88	36.83	129.77	37.21
36	131.26	35.58	131.16	35.96	131.05	36.34	130.95	36.73	130.84	37.11	130.73	37.49
37	132.22	35.84	132.12	36.23	132.02	36.61	131.91	37.00	131.80	37.38	131.69	37.76
38	133.19	36.10	133.09	36.49	132.98	36.88	132.87	37.27	132.76	37.65	132.65	38.04
39	134.15	36.37	134.05	36.76	133.94	37.15	133.84	37.54	133.73	37.92	133.61	38.31
140	135.12	36.63	135.02	37.02	134.91	37.41	134.80	37.81	134.69	38.20	134.58	38.59
41	136.08	36.89	135.98	37.29	135.87	37.68	135.76	38.08	135.65	38.47	135.54	38.86
42	137.05	37.15	136.95	37.55	136.84	37.95	136.72	38.35	136.61	38.74	136.50	39.14
43	138.01	37.41	137.91	37.82	137.80	38.22	137.69	38.62	137.57	39.02	137.46	39.42
44	138.98	37.67	138.87	38.08	138.76	38.48	138.65	38.89	138.54	39.29	138.42	39.69
45	139.95	37.94	139.84	38.34	139.73	38.75	139.61	39.16	139.50	39.56	139.38	39.97
46	140.91	38.20	140.80	38.61	140.69	39.02	140.58	39.43	140.46	39.83	140.34	40.24
47	141.88	38.46	141.77	38.87	141.65	39.28	141.54	39.70	141.42	40.11	141.31	40.52
48	142.85	38.72	142.73	39.14	142.62	39.55	142.50	39.97	142.38	40.38	142.27	40.79
49	143.81	38.98	143.70	39.40	143.58	39.82	143.46	40.24	143.35	40.65	143.23	41.07
150	144.78	39.24	144.66	39.67	144.54	40.09	144.43	40.51	144.31	40.93	144.19	41.35
51	145.74	39.51	145.63	39.93	145.51	40.35	145.39	40.78	145.27	41.20	145.15	41.62
52	146.71	39.77	146.59	40.20	146.47	40.62	146.35	41.05	146.23	41.47	146.11	41.90
53	147.67	40.03	147.55	40.46	147.44	40.89	147.32	41.32	147.20	41.74	147.07	42.17
54	148.64	40.29	148.52	40.72	148.40	41.16	148.28	41.59	148.16	42.02	148.03	42.45
55	149.60	40.55	149.48	40.99	149.36	41.42	149.24	41.86	149.12	42.29	149.00	42.72
56	150.57	40.81	150.45	41.25	150.33	41.69	150.20	42.13	150.08	42.56	149.96	43.00
57	151.53	41.08	151.41	41.52	151.29	41.96	151.17	42.40	151.04	42.84	150.92	43.28
58	152.50	41.34	152.38	41.78	152.25	42.22	152.13	42.67	152.01	43.11	151.88	43.55
59	153.46	41.60	153.34	42.05	153.22	42.49	153.09	42.94	152.97	43.38	152.84	43.83
160	154.43	41.86	154.30	42.31	154.18	42.76	154.06	43.21	153.93	43.65	153.80	44.10
61	155.39	42.12	155.27	42.58	155.14	43.03	155.02	43.48	154.89	43.93	154.76	44.38
62	156.36	42.38	156.23	42.84	156.11	43.29	155.98	43.75	155.85	44.20	155.72	44.65
63	157.32	42.65	157.20	43.10	157.07	43.56	156.94	44.02	156.82	44.47	156.69	44.93
64	158.29	42.91	158.16	43.37	158.03	43.83	157.91	44.29	157.78	44.75	157.65	45.20
65	159.25	43.17	159.13	43.63	159.00	44.10	158.87	44.56	158.74	45.02	158.61	45.48
66	160.22	43.43	160.09	43.90	159.96	44.36	159.83	44.83	159.70	45.29	159.57	45.76
67	161.18	43.69	161.06	44.16	160.93	44.63	160.80	45.10	160.66	45.56	160.53	46.03
68	162.15	43.95	162.02	44.43	161.89	44.90	161.76	45.37	161.63	45.84	161.49	46.31
69	163.11	44.22	162.98	44.69	162.85	45.16	162.72	45.64	162.59	46.11	162.45	46.58
170	164.08	44.48	163.95	44.96	163.82	45.43	163.68	45.91	163.55	46.38	163.41	46.86
71	165.04	44.74	164.91	45.22	164.78	45.70	164.65	46.18	164.51	46.66	164.38	47.13
72	166.01	45.00	165.88	45.48	165.74	45.97	165.61	46.45	165.47	46.93	165.34	47.41
73	166.97	45.26	166.84	45.75	166.71	46.23	166.57	46.72	166.44	47.20	166.30	47.69
74	167.94	45.52	167.81	46.01	167.67	46.50	167.54	46.99	167.40	47.47	167.26	47.96
75	168.90	45.78	168.77	46.28	168.63	46.77	168.50	47.26	168.36	47.75	168.22	48.24
76	169.87	46.05	169.74	46.54	169.60	47.03	169.46	47.53	169.32	48.02	169.18	48.51
77	170.83	46.31	170.70	46.81	170.56	47.30	170.42	47.80	170.28	48.29	170.14	48.79
78	171.80	46.57	171.66	47.07	171.52	47.56	171.39	48.07	171.25	48.54	171.10	49.06
79	172.77	46.83	172.63	47.34	172.49	47.80	172.35	48.34	172.21	48.84	172.07	49.34
180	173.73	47.09	173.59	47.60	173.45	48.61	173.31	48.61	173.17	49.11	173.03	49.61
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
81	174.70	47.35	174.56	47.86	174.42	48.37	174.28	48.88	174.13	49.38	173.99	49.89
82	175.66	47.62	175.52	48.13	175.38	48.64	175.24	49.15	175.09	49.66	174.95	50.17
83	176.63	47.88	176.49	48.39	176.34	48.91	176.20	49.42	176.06	49.93	175.91	50.44
84	177.59	48.14	177.45	48.66	177.31	49.17	177.16	49.69	177.02	50.20	176.87	50.72
85	178.56	48.40	178.41	48.92	178.27	49.44	178.13	49.96	177.98	50.48	177.83	50.99
86	179.52	48.66	179.38	49.19	179.23	49.71	179.09	50.23	178.94	50.75	178.79	51.27
87	180.49	48.92	180.34	49.45	180.20	49.97	180.05	50.50	179.91	51.02	179.76	51.54
88	181.45	49.19	181.31	49.72	181.16	50.24	181.02	50.77	180.87	51.29	180.72	51.82
89	182.42	49.45	182.27	49.98	182.12	50.51	181.98	51.04	181.83	51.57	181.68	52.10
90	183.38	49.71	183.24	50.24	183.09	50.78	182.94	51.31	182.79	51.84	182.64	52.37
91	184.35	49.97	184.20	50.51	184.05	51.04	183.90	51.58	183.75	52.11	183.60	52.65
92	185.31	50.23	185.17	50.77	185.02	51.31	184.87	51.85	184.72	52.39	184.56	52.92
93	186.28	50.49	186.13	51.04	185.98	51.58	185.83	52.12	185.68	52.66	185.52	53.20
94	187.24	50.76	187.09	51.30	186.94	51.85	186.79	52.39	186.64	52.93	186.48	53.47
95	188.21	51.02	188.06	51.57	187.91	52.11	187.76	52.66	187.60	53.20	187.45	53.75
96	189.17	51.28	189.02	51.83	188.87	52.38	188.72	52.93	188.56	53.48	188.41	54.02
97	190.14	51.54	189.99	52.10	189.83	52.65	189.68	53.20	189.53	53.75	189.37	54.30
98	191.10	51.80	190.95	52.36	190.80	52.91	190.64	53.47	190.49	54.02	190.33	54.58
99	192.07	52.06	191.92	52.62	191.76	53.18	191.61	53.74	191.45	54.30	191.29	54.85
200	193.03	52.33	192.88	52.89	192.73	53.45	192.57	54.01	192.41	54.57	192.25	55.13
01	194.00	52.59	193.85	53.15	193.69	53.72	193.53	54.28	193.37	54.84	193.21	55.41
02	194.96	52.85	194.81	53.42	194.65	53.98	194.50	54.55	194.34	55.11	194.17	55.68
03	195.93	53.11	195.77	53.68	195.62	54.25	195.46	54.82	195.30	55.39	195.14	55.95
04	196.89	53.37	196.74	53.95	196.58	54.52	196.42	55.09	196.26	55.66	196.10	56.23
05	197.86	53.63	197.70	54.21	197.54	54.78	197.38	55.36	197.22	55.93	197.06	56.51
06	198.82	53.90	198.67	54.48	198.51	55.05	198.35	55.63	198.18	56.20	198.02	56.78
07	199.79	54.16	199.63	54.74	199.47	55.32	199.31	55.90	199.15	56.48	198.98	57.06
08	200.76	54.42	200.60	55.00	200.43	55.59	200.27	56.17	200.11	56.75	199.94	57.33
09	201.72	54.68	201.56	55.27	201.40	55.85	201.24	56.44	201.07	57.02	200.90	57.61
210	202.69	54.94	202.52	55.53	202.36	56.12	202.20	56.71	202.03	57.30	201.87	57.88
11	203.65	55.20	203.49	55.80	203.33	56.39	203.16	56.98	202.99	57.57	202.83	58.16
12	204.62	55.47	204.45	56.06	204.29	56.66	204.12	57.25	203.96	57.84	203.79	58.44
13	205.58	55.73	205.42	56.33	205.25	56.92	205.09	57.52	204.92	58.11	204.75	58.71
14	206.55	55.99	206.38	56.59	206.22	57.19	206.05	57.79	205.88	58.39	205.71	58.99
15	207.51	56.25	207.35	56.86	207.18	57.46	207.01	58.06	206.84	58.66	206.67	59.26
16	208.48	56.51	208.31	57.12	208.14	57.72	207.98	58.33	207.80	58.93	207.63	59.54
17	209.44	56.77	209.28	57.38	209.11	57.99	208.94	58.60	208.77	59.21	208.59	59.81
18	210.41	57.03	210.24	57.65	210.07	58.26	209.90	58.87	209.73	59.48	209.56	60.09
19	211.37	57.30	211.20	57.91	211.03	58.53	210.86	59.14	210.69	59.75	210.52	60.36
220	212.34	57.56	212.17	58.18	212.00	58.79	211.83	59.41	211.65	60.02	211.48	60.64
21	213.30	57.82	213.13	58.44	212.96	59.06	212.79	59.68	212.62	60.30	212.44	60.92
22	214.27	58.08	214.10	58.71	213.93	59.33	213.75	59.95	213.58	60.57	213.40	61.19
23	215.23	58.34	215.06	58.97	214.89	59.60	214.72	60.22	214.54	60.84	214.36	61.47
24	216.20	58.60	216.03	59.24	215.85	59.86	215.68	60.49	215.50	61.12	215.32	61.74
25	217.16	58.87	216.99	59.50	216.82	60.13	216.64	60.76	216.46	61.39	216.28	62.02
26	218.13	59.13	217.96	59.76	217.78	60.40	217.60	61.03	217.43	61.66	217.25	62.29
27	219.09	59.39	218.92	60.03	218.74	60.66	218.57	61.30	218.39	61.93	218.21	62.57
28	220.06	59.65	219.88	60.29	219.71	60.93	219.53	61.57	219.35	62.21	219.17	62.85
29	221.02	59.91	220.85	60.56	220.67	61.20	220.49	61.84	220.31	62.48	220.13	63.12
230	221.99	60.17	221.81	60.82	221.63	61.47	221.46	62.11	221.27	62.75	221.09	63.40
31	222.95	60.44	222.78	61.09	222.60	61.73	222.42	62.38	222.24	63.03	222.05	63.67
32	223.92	60.70	223.74	61.35	223.56	62.00	223.38	62.65	223.20	63.30	223.01	63.95
33	224.88	60.96	224.71	61.62	224.53	62.27	224.34	62.92	224.16	63.57	223.97	64.22
34	225.85	61.22	225.67	61.88	225.49	62.53	225.31	63.19	225.12	63.84	224.94	64.50
35	226.81	61.48	226.63	62.14	226.45	62.80	226.27	63.46	226.08	64.12	225.90	64.77
36	227.78	61.74	227.60	62.41	227.42	63.07	227.23	63.73	227.05	64.39	226.86	65.05
37	228.75	62.01	228.56	62.67	228.38	63.34	228.20	64.00	228.01	64.66	227.82	65.33
38	229.71	62.27	229.53	62.94	229.34	63.60	229.16	64.27	228.97	64.94	228.78	65.60
39	230.68	62.53	230.49	63.20	230.31	63.87	230.12	64.54	229.93	65.21	229.74	65.88
240	231.64	62.79	231.46	63.47	231.27	64.14	231.08	64.81	230.89	65.48	230.70	66.15

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'.		20'		10'		0'	

Dist.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
41	232.61	63.05	232.42	63.73	232.23	64.41	232.05	65.08	231.86	65.75	231.68	66.43
42	233.57	63.31	233.39	64.00	233.20	64.67	233.01	65.35	232.82	66.03	232.63	66.70
43	234.54	63.58	234.35	64.26	234.16	64.94	233.97	65.62	233.78	66.30	233.59	66.98
44	235.50	63.84	235.31	64.52	235.13	65.21	234.94	65.89	234.74	66.57	234.55	67.26
45	236.47	64.10	236.28	64.79	236.09	65.47	235.90	66.16	235.70	66.85	235.51	67.53
46	237.43	64.36	237.24	65.05	237.05	65.74	236.86	66.43	236.67	67.12	236.47	67.81
47	238.40	64.62	238.21	65.32	238.02	66.01	237.82	66.70	237.63	67.39	237.43	68.08
48	239.36	64.88	239.17	65.58	238.98	66.28	238.79	66.97	238.59	67.66	238.39	68.36
49	240.33	65.15	240.14	65.85	239.94	66.54	239.75	67.24	239.55	67.94	239.35	68.63
50	241.29	65.41	241.10	66.11	240.91	66.81	240.71	67.51	240.52	68.21	240.32	68.91
51	242.26	65.67	242.07	66.38	241.87	67.08	241.68	67.78	241.48	68.48	241.28	69.18
52	243.22	65.93	243.03	66.64	242.83	67.35	242.64	68.05	242.44	68.76	242.24	69.46
53	244.19	66.19	243.99	66.90	243.80	67.61	243.60	68.32	243.40	69.03	243.20	69.74
54	245.15	66.45	244.96	67.17	244.76	67.88	244.56	68.59	244.36	69.30	244.16	70.01
55	246.12	66.72	245.92	67.43	245.73	68.15	245.53	68.86	245.33	69.57	245.12	70.29
56	247.08	66.98	246.89	67.70	246.69	68.41	246.49	69.13	246.29	69.85	246.08	70.56
57	248.05	67.24	247.85	67.96	247.65	68.68	247.45	69.40	247.25	70.12	247.04	70.84
58	249.01	67.50	248.82	68.23	248.62	68.95	248.42	69.67	248.21	70.39	248.01	71.11
59	249.98	67.76	249.78	68.49	249.58	69.22	249.38	69.94	249.17	70.67	248.97	71.39
60	250.94	68.02	250.75	68.76	250.54	69.48	250.34	70.21	250.14	70.94	249.93	71.67
61	251.91	68.28	251.71	69.02	251.51	69.75	251.30	70.48	251.10	71.21	250.88	71.94
62	252.87	68.55	252.67	69.28	252.47	70.02	252.27	70.75	252.06	71.48	251.85	72.22
63	253.84	68.81	253.64	69.55	253.43	70.28	253.23	71.02	253.02	71.76	252.81	72.49
64	254.80	69.07	254.60	69.81	254.40	70.55	254.19	71.29	253.98	72.03	253.77	72.77
65	255.77	69.33	256.57	70.08	255.36	70.82	255.15	71.56	254.95	72.30	254.73	73.04
66	256.73	69.59	256.53	70.34	256.33	71.09	256.12	71.83	255.91	72.58	255.70	73.32
67	257.70	69.85	257.50	70.61	257.29	71.35	257.08	72.10	256.87	72.85	256.66	73.60
68	258.67	70.12	258.46	70.87	258.25	71.62	258.04	72.37	257.83	73.12	257.62	73.87
69	259.63	70.38	259.42	71.14	259.22	71.89	259.01	72.64	258.79	73.40	258.58	74.15
70	260.60	70.64	260.39	71.40	260.18	72.16	259.97	72.91	259.76	73.67	259.54	74.42
71	261.56	70.90	261.35	71.66	261.14	72.42	260.93	73.18	260.72	73.94	260.50	74.70
72	262.53	71.16	262.32	71.93	262.11	72.69	261.89	73.45	261.68	74.21	261.46	74.97
73	263.49	71.42	263.28	72.19	263.07	72.96	262.86	73.72	262.64	74.49	262.42	75.25
74	264.46	71.69	264.25	72.46	264.03	73.22	263.82	73.99	263.60	74.76	263.39	75.52
75	265.42	71.95	265.21	72.72	265.00	73.49	264.78	74.26	264.57	75.03	264.35	75.80
76	266.39	72.21	266.18	72.99	265.96	73.76	265.75	74.53	265.53	75.30	265.31	76.08
77	267.35	72.47	267.14	73.25	266.92	74.03	266.71	74.80	266.49	75.58	266.27	76.35
78	268.32	72.73	268.10	73.52	267.89	74.29	267.67	75.07	267.45	75.85	267.23	76.63
79	269.28	72.99	269.07	73.78	268.85	74.56	268.63	75.34	268.41	76.12	268.19	76.90
80	270.25	73.26	270.03	74.04	269.82	74.83	269.60	75.61	269.38	76.40	269.15	77.18
81	271.21	73.52	271.00	74.31	270.78	75.10	270.56	75.88	270.34	76.67	270.11	77.45
82	272.18	73.78	271.96	74.57	271.74	75.36	271.52	76.15	271.30	76.94	271.08	77.73
83	273.14	74.04	272.93	74.84	272.71	75.63	272.49	76.42	272.26	77.21	272.04	78.01
84	274.11	74.30	273.89	75.10	273.67	75.90	273.45	76.69	273.23	77.49	273.00	78.28
85	275.07	74.56	274.86	75.37	274.63	76.16	274.41	76.96	274.19	77.76	273.96	78.56
86	276.04	74.83	275.82	75.63	275.60	76.43	275.37	77.23	275.15	78.03	274.92	78.83
87	277.00	75.09	276.78	75.90	276.56	76.70	276.34	77.50	276.11	78.31	275.88	79.11
88	277.97	75.35	277.75	76.16	277.52	76.97	277.30	77.77	277.07	78.58	276.84	79.38
89	278.93	75.61	278.71	76.42	278.49	77.23	278.26	78.04	278.04	78.85	277.80	79.66
90	279.90	75.87	279.68	76.69	279.45	77.50	279.23	78.31	279.00	79.12	278.77	79.93
91	280.86	76.13	280.64	76.95	280.42	77.77	280.19	78.58	279.96	79.40	279.73	80.21
92	281.83	76.40	281.61	77.22	281.38	78.03	281.15	78.85	280.92	79.67	280.69	80.49
93	282.79	76.66	282.57	77.48	282.35	78.30	282.11	79.12	281.88	79.94	281.65	80.76
94	283.76	76.92	283.53	77.75	283.31	78.57	283.08	79.39	282.85	80.21	282.61	81.04
95	284.72	77.18	284.50	78.01	284.27	78.84	284.04	79.66	283.81	80.49	283.57	81.31
96	285.69	77.44	285.46	78.28	285.23	79.10	285.00	79.93	284.77	80.76	284.53	81.59
97	286.65	77.70	286.43	78.54	286.20	79.37	285.97	80.20	285.73	81.03	285.49	81.86
98	287.62	77.97	287.39	78.80	287.16	79.64	286.93	80.47	286.69	81.31	286.46	82.14
99	288.59	78.23	288.36	79.07	288.12	79.91	287.89	80.74	287.66	81.58	287.42	82.42
100	289.55	78.49	289.32	79.33	289.09	80.17	288.85	81.01	288.62	81.85	288.38	82.69
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	231.47	67.10	231.27	67.78	231.07	68.45	230.88	69.12	230.67	69.79	230.47	70.46
42	232.43	67.38	232.23	68.06	232.03	68.73	231.83	69.41	231.63	70.08	231.43	70.75
43	233.39	67.66	233.19	68.34	232.99	69.02	232.79	69.69	232.59	70.37	232.38	71.05
44	234.35	67.94	234.15	68.62	233.95	69.30	233.75	69.98	233.54	70.66	233.34	71.34
45	235.31	68.22	235.11	68.90	234.91	69.58	234.71	70.27	234.50	70.95	234.29	71.63
46	236.27	68.49	236.07	69.18	235.87	69.87	235.67	70.55	235.46	71.24	235.25	71.92
47	237.23	68.77	237.03	69.46	236.83	70.15	236.62	70.84	236.42	71.53	236.21	72.22
48	238.19	69.05	237.99	69.74	237.79	70.44	237.58	71.13	237.37	71.82	237.16	72.51
49	239.15	69.33	238.95	70.03	238.74	70.72	238.54	71.41	238.33	72.11	238.12	72.80
250	240.11	69.61	239.91	70.31	239.70	71.00	239.50	71.70	239.29	72.40	239.08	73.09
51	241.07	69.89	240.87	70.59	240.66	71.29	240.46	71.99	240.24	72.69	240.03	73.39
52	242.03	70.17	241.83	70.87	241.62	71.57	241.41	72.27	241.20	72.98	240.99	73.68
53	243.00	70.44	242.79	71.15	242.58	71.86	242.37	72.56	242.16	73.27	241.94	73.97
54	243.96	70.72	243.75	71.43	243.54	72.14	243.33	72.85	243.12	73.56	242.90	74.26
55	244.92	71.00	244.71	71.71	244.50	72.42	244.29	73.13	244.07	73.84	243.86	74.55
56	245.88	71.28	245.67	71.99	245.46	72.71	245.25	73.42	245.03	74.13	244.81	74.85
57	246.84	71.56	246.63	72.27	246.41	72.99	246.20	73.71	245.99	74.42	245.77	75.14
58	247.80	71.84	247.59	72.56	247.37	73.28	247.16	74.00	246.94	74.71	246.73	75.43
59	248.76	72.11	248.55	72.84	248.33	73.56	248.12	74.28	247.90	75.00	247.68	75.72
260	249.72	72.39	249.51	73.12	249.29	73.84	249.08	74.57	248.86	75.29	248.64	76.02
61	250.68	72.67	250.47	73.40	250.25	74.13	250.04	74.86	249.82	75.58	249.60	76.31
62	251.64	72.95	251.43	73.68	251.21	74.41	250.99	75.14	250.77	75.87	250.55	76.60
63	252.60	73.23	252.39	73.96	252.17	74.70	251.95	75.43	251.73	76.16	251.51	76.89
64	253.56	73.51	253.34	74.24	253.13	74.98	252.91	75.72	252.69	76.45	252.46	77.19
65	254.52	73.78	254.30	74.52	254.09	75.26	253.87	76.00	253.65	76.74	253.42	77.48
66	255.48	74.06	255.26	74.81	255.04	75.55	254.83	76.29	254.60	77 03	254.38	77.77
67	256.44	74.34	256.22	75.09	256.00	75.83	255.78	76.58	255.56	77.32	255.33	78.06
68	257.40	74.62	257.18	75.37	256.96	76.12	256.74	76.86	256.52	77.61	256.29	78.36
69	258.36	74.90	258.14	75.65	257.92	76.40	257.70	77.15	257.47	77.90	257.25	78.65
270	259.32	75.18	259.10	75.93	258.88	76.68	258.66	77.44	258.43	78.19	258.20	78.94
71	260.28	75.46	260.06	76.21	259.84	76.97	259.62	77.72	259.39	78.48	259.16	79.23
72	261.24	75.73	261.02	76.49	260.80	77.25	260.57	78.01	260.35	78.77	260.11	79.52
73	262.20	76.01	261.98	76.77	261.76	77.54	261.53	78.30	261.30	79.06	261.07	79.82
74	263.16	76.29	262.94	77.06	262.71	77.82	262.49	78.58	262.26	79.35	262.03	80.11
75	264.13	76.57	263.90	77.34	263.67	78.10	263.45	78.87	263.22	79.64	262.98	80.40
76	265.09	76.85	264.86	77.62	264.63	78.39	264.41	79.16	264.17	79.93	263.94	80.69
77	266.05	77.13	265.82	77.90	265.59	78.67	265.36	79.44	265.13	80.22	264.90	80.99
78	267.01	77.40	266.78	78.18	266.55	78.96	266.32	79.73	266.09	80.51	265.85	81.28
79	267.97	77.68	267.74	78.46	267.51	79.24	267.28	80.02	267.05	80.80	266.81	81.57
280	268.93	77.96	268.70	78.74	268.47	79.52	268.24	80.30	268.00	81.08	267.77	81.86
81	269.89	78.24	269.66	79.02	269.43	79.81	269.20	80.59	268.96	81.37	268.72	82.16
82	270.85	78.52	270.62	79.31	270.39	80.09	270.15	80.88	269.92	81.66	269.68	82.45
83	271.81	78.80	271.58	79.59	271.34	80.38	271.11	81.17	270.87	81.95	270.63	82.74
84	272.77	79.07	272.54	79.87	272.30	80.66	272.07	81.45	271.83	82.24	271.59	83.03
85	273.73	79.35	273.50	80.15	273.26	80.94	273.03	81.74	272.79	82.53	272.55	83.33
86	274.69	79.63	274.46	80.43	274.22	81.23	273.99	82.03	273.75	82.82	273.50	83.62
87	275.65	79.91	275.42	80.71	275.18	81.51	274.94	82.31	274.70	83.11	274.46	83.91
88	276.61	80.19	276.38	80.99	276.14	81.80	275.90	82.60	275.66	83.40	275.42	84.20
89	277.57	80.47	277.34	81.27	277.10	82.08	276.86	82.89	276.62	83.69	276.37	84.50
290	278.53	80.75	278.30	81.56	278.06	82.36	277.82	83.17	277.57	83.98	277.33	84.79
91	279.49	81.02	279.26	81.84	279.01	82.65	278.78	83.46	278.53	84.27	278.28	85.08
92	280.45	81.30	280.21	82.12	279.97	82.93	279.73	83.75	279.49	84.56	279.24	85.37
93	281.41	81.58	281.17	82.40	280.93	83.22	280.69	84.03	280.45	84.85	280.20	85.66
94	282.37	81.86	282.13	82.68	281.89	83.50	281.65	84.32	281.40	85.14	281.15	85.96
95	283.33	82.14	283.09	82.96	282.85	83.78	282.61	84.61	282.36	85.43	282.11	86.25
96	284.29	82.42	284.05	83.24	283.81	84.07	283.57	84.89	283.32	85.72	283.07	86.54
97	285.26	82.69	285.01	83.52	284.77	84.35	284.52	85.18	284.27	86.01	284.02	86.83
98	286.22	82.97	285.97	83.81	285.73	84.64	285.48	85.47	285.23	86.30	284.98	87.13
99	287.18	83.25	286.93	84.09	286.69	84.92	286.44	85.75	286.19	86.59	285.93	87.42
300	288.14	83.53	287.89	84.37	287.64	85.20	287.40	86.04	287.15	86.88	286.89	87.71

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

P	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
1	0.96	0.30	0.95	0.30	0.95	0.30	0.95	0.30	0.95	0.31	0.95	0.31
2	1.91	0.59	1.91	0.60	1.91	0.60	1.91	0.61	1.90	0.61	1.90	0.62
3	2.87	0.89	2.86	0.89	2.86	0.90	2.86	0.91	2.86	0.92	2.85	0.93
4	3.82	1.18	3.82	1.19	3.81	1.20	3.81	1.21	3.81	1.23	3.80	1.24
5	4.78	1.48	4.77	1.49	4.77	1.50	4.76	1.52	4.76	1.53	4.76	1.55
6	5.73	1.77	5.73	1.79	5.72	1.80	5.72	1.82	5.71	1.84	5.71	1.85
7	6.69	2.07	6.68	2.09	6.68	2.10	6.67	2.12	6.66	2.14	6.66	2.16
8	7.64	2.36	7.64	2.38	7.63	2.41	7.62	2.43	7.62	2.45	7.61	2.47
9	8.60	2.66	8.59	2.68	8.58	2.71	8.58	2.73	8.57	2.76	8.56	2.78
10	9.55	2.95	9.55	2.98	9.54	3.01	9.53	3.03	9.52	3.06	9.51	3.09
11	10.51	3.25	10.50	3.28	10.49	3.31	10.48	3.34	10.47	3.37	10.46	3.40
12	11.47	3.54	11.46	3.58	11.44	3.61	11.43	3.64	11.42	3.67	11.41	3.71
13	12.42	3.84	12.41	3.87	12.40	3.91	12.39	3.95	12.38	3.98	12.36	4.02
14	13.38	4.13	13.36	4.17	13.35	4.21	13.34	4.25	13.33	4.29	13.31	4.33
15	14.33	4.43	14.32	4.47	14.31	4.51	14.29	4.55	14.28	4.59	14.27	4.64
16	15.29	4.72	15.27	4.77	15.26	4.81	15.25	4.86	15.23	4.90	15.22	4.94
17	16.24	5.02	16.23	5.06	16.21	5.11	16.20	5.16	16.18	5.21	16.17	5.25
18	17.20	5.31	17.18	5.36	17.17	5.41	17.15	5.46	17.14	5.51	17.12	5.56
19	18.15	5.61	18.14	5.66	18.12	5.71	18.10	5.77	18.09	5.82	18.07	5.87
20	19.11	5.90	19.09	5.96	19.07	6.01	19.06	6.07	19.04	6.12	19.02	6.18
21	20.06	6.20	20.05	6.26	20.03	6.31	20.01	6.37	19.99	6.43	19.97	6.49
22	21.02	6.49	21.00	6.55	20.98	6.62	20.96	6.68	20.94	6.74	20.92	6.80
23	21.98	6.79	21.96	6.85	21.94	6.92	21.92	6.98	21.89	7.04	21.87	7.11
24	22.93	7.08	22.91	7.15	22.89	7.22	22.87	7.28	22.85	7.35	22.83	7.42
25	23.89	7.38	23.86	7.45	23.84	7.52	23.82	7.59	23.80	7.66	23.78	7.73
26	24.84	7.67	24.82	7.75	24.80	7.82	24.77	7.89	24.75	7.96	24.73	8.03
27	25.80	7.97	25.77	8.04	25.75	8.12	25.73	8.19	25.70	8.27	25.68	8.34
28	26.75	8.26	26.73	8.34	26.70	8.42	26.68	8.50	26.65	8.57	26.63	8.65
29	27.71	8.56	27.68	8.64	27.66	8.72	27.63	8.80	27.61	8.88	27.58	8.96
30	28.66	8.85	28.64	8.94	28.61	9.02	28.59	9.10	28.56	9.19	28.53	9.27
31	29.62	9.15	29.59	9.24	29.57	9.32	29.54	9.41	29.51	9.49	29.48	9.58
32	30.57	9.44	30.55	9.53	30.52	9.62	30.49	9.71	30.46	9.80	30.43	9.89
33	31.53	9.74	31.50	9.83	31.47	9.92	31.44	10.01	31.41	10.11	31.38	10.20
34	32.49	10.04	32.46	10.13	32.43	10.22	32.40	10.32	32.37	10.41	32.34	10.51
35	33.44	10.33	33.41	10.43	33.38	10.52	33.35	10.62	33.32	10.72	33.29	10.82
36	34.40	10.63	34.37	10.73	34.33	10.83	34.30	10.93	34.27	11.02	34.24	11.12
37	35.35	10.92	35.32	11.02	35.29	11.13	35.25	11.23	35.22	11.33	35.19	11.43
38	36.31	11.22	36.27	11.32	36.24	11.43	36.21	11.53	36.17	11.64	36.14	11.74
39	37.26	11.51	37.23	11.62	37.19	11.73	37.16	11.84	37.13	11.94	37.09	12.05
40	38.22	11.81	38.18	11.92	38.15	12.03	38.11	12.14	38.08	12.25	38.04	12.36
41	39.17	12.10	39.14	12.22	39.10	12.33	39.07	12.44	39.03	12.56	38.99	12.67
42	40.13	12.40	40.09	12.51	40.06	12.63	40.02	12.75	39.98	12.86	39.94	12.98
43	41.08	12.69	41.05	12.81	41.01	12.93	40.97	13.05	40.93	13.17	40.90	13.29
44	42.04	12.99	42.00	13.11	41.96	13.23	41.92	13.35	41.89	13.47	41.85	13.60
45	43.00	13.28	42.96	13.41	42.92	13.53	42.88	13.66	42.84	13.78	42.80	13.91
46	43.95	13.58	43.91	13.70	43.87	13.83	43.83	13.96	43.79	14.09	43.75	14.21
47	44.91	13.87	44.87	14.00	44.82	14.13	44.78	14.26	44.74	14.39	44.70	14.52
48	45.86	14.17	45.82	14.30	45.78	14.43	45.74	14.57	45.69	14.70	45.65	14.83
49	46.82	14.46	46.77	14.60	46.73	14.73	46.69	14.87	46.65	15.01	46.60	15.14
50	47.77	14.76	47.73	14.90	47.69	15.04	47.64	15.17	47.60	15.31	47.55	15.45
51	48.73	15.05	48.68	15.19	48.64	15.34	48.59	15.48	48.55	15.62	48.50	15.76
52	49.68	15.35	49.64	15.49	49.59	15.64	49.55	15.78	49.50	15.92	49.45	16.07
53	50.64	15.64	50.59	15.79	50.55	15.94	50.50	16.08	50.45	16.23	50.41	16.38
54	51.59	15.94	51.55	16.09	51.50	16.24	51.45	16.39	51.41	16.54	51.36	16.69
55	52.55	16.23	52.50	16.39	52.45	16.54	52.41	16.69	52.36	16.84	52.31	17.00
56	53.51	16.53	53.46	16.68	53.41	16.84	53.36	16.99	53.31	17.15	53.26	17.30
57	54.46	16.82	54.41	16.98	54.36	17.14	54.31	17.30	54.26	17.46	54.21	17.61
58	55.42	17.12	55.37	17.28	55.32	17.44	55.26	17.60	55.21	17.76	55.16	17.92
59	56.37	17.41	56.32	17.58	56.27	17.74	56.22	17.91	56.17	18.07	56.11	18.23
60	57.33	17.71	57.28	17.88	57.22	18.04	57.17	18.21	57.12	18.37	57.06	18.54
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

°	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	58.28	18.00	58.23	18.17	58.18	18.34	58.12	18.51	58.07	18.68	58.01	18.85
62	59.24	18.30	59.18	18.47	59.13	18.64	59.08	18.82	59.02	18.99	58.97	19.16
63	60.19	18.59	60.14	18.77	60.08	18.94	60.03	19.12	59.97	19.29	59.92	19.47
64	61.15	18.89	61.09	19.07	61.04	19.25	60.98	19.43	60.92	19.60	60.87	19.78
65	62.10	19.18	62.05	19.37	61.99	19.55	61.93	19.73	61.88	19.91	61.82	20.09
66	63.06	19.48	63.00	19.66	62.95	19.85	62.89	20.03	62.83	20.21	62.77	20.40
67	64.02	19.78	63.96	29.96	63.90	20.15	63.84	20.33	63.78	20.52	63.72	20.70
68	64.97	20.07	64.91	20.26	64.85	20.45	64.79	20.64	64.73	20.82	64.67	21.01
69	65.93	20.37	65.87	20.56	65.81	20.75	65.75	20.94	65.68	21.13	65.62	21.32
70	66.88	20.66	66.82	20.86	66.76	21.05	66.70	21.24	66.64	21.44	66.57	21.63
71	67.84	20.96	67.78	21.15	67.71	21.35	67.65	21.55	67.59	21.74	67.53	21.94
72	68.79	21.25	68.73	21.45	68.67	21.65	68.60	21.85	68.54	22.05	68.48	22.25
73	69.75	21.55	69.68	21.7	69.62	21.95	69.56	22.15	69.49	22.36	69.43	22.56
74	70.70	21.84	70.64	22.05	70.57	22.25	70.51	22.46	70.44	22.66	70.38	22.87
75	71.66	22.14	71.59	22.34	71.53	22.55	71.46	22.76	71.40	22.97	71.33	23.18
76	72.61	22.43	72.55	22.64	72.48	22.85	72.42	23.06	72.35	23.27	72.28	23.48
77	73.57	22.73	73.50	22.94	73.44	23.15	73.37	23.37	73.30	23.58	73.23	23.79
78	74.53	23.02	74.46	23.24	74.39	23.46	74.32	23.67	74.25	23.89	74.18	24.10
79	75.48	23.32	75.41	23.54	75.34	23.76	75.27	23.97	75.20	24.19	75.13	24.41
80	76.44	23.61	76.37	23.83	76.30	24.06	76.23	24.28	76.16	24.50	76.08	24.72
81	77.39	23.91	77.32	24.13	77.25	24.36	77.18	24.58	77.11	24.81	77.04	25.03
82	78.35	24.20	78.28	24.43	78.20	24.66	78.13	24.89	78.06	25.11	77.99	25.34
83	79.30	24.50	79.23	24.73	79.16	24.96	79.09	25.19	79.01	25.42	78.94	25.65
84	80.26	24.79	80.19	25.03	80.11	25.26	80.04	25.49	79.96	25.72	79.89	25.96
85	81.21	25.09	81.14	25.32	81.07	25.56	80.99	25.80	80.92	26.03	80.84	26.27
86	82.17	25.38	82.09	25.62	82.02	25.86	81.94	26.10	81.87	26.34	81.79	26.58
87	83.12	25.68	83.05	25.92	82.97	26.16	82.90	26.40	82.82	26.64	82.74	26.88
88	84.08	25.97	84.00	26.22	83.93	26.46	83.85	26.71	83.77	26.95	83.69	27.19
89	85.04	26.27	84.96	26.52	84.88	26.76	84.80	27.01	84.72	27.26	84.64	27.50
90	85.99	26.56	85.91	26.81	85.83	27.06	85.76	27.31	85.68	27.56	85.60	27.81
91	86.95	26.86	86.87	27.11	86.79	27.36	86.71	27.62	86.63	27.87	86.56	28.12
92	87.90	27.15	87.82	27.41	87.74	27.66	87.66	27.92	87.58	28.17	87.50	28.43
93	88.86	27.45	88.78	27.71	88.70	27.97	88.61	28.22	88.53	28.48	88.45	28.74
94	89.81	27.74	89.73	28.01	89.65	28.27	89.57	28.53	89.48	28.79	89.40	29.05
95	90.77	28.04	90.69	28.30	90.60	28.57	90.52	28.83	90.44	29.09	90.36	29.36
96	91.72	28.33	91.64	28.60	91.56	28.87	91.47	29.13	91.39	29.40	91.30	29.67
97	92.68	28.63	92.59	28.90	92.51	29.17	92.43	29.44	92.34	29.71	92.25	29.97
98	93.63	28.92	93.55	29.20	93.46	29.47	93.38	29.74	93.29	30.01	93.20	30.28
99	94.59	29.22	94.50	29.50	94.42	29.77	94.33	30.04	94.24	30.32	94.15	30.59
100	95.55	29.52	95.46	29.79	95.37	30.07	95.28	30.35	95.20	30.62	95.11	30.90
101	96.50	29.81	96.41	30.09	96.33	30.37	96.24	30.65	96.15	30.93	96.06	31.21
102	97.46	30.11	97.37	30.39	97.28	30.67	97.19	30.95	97.10	31.24	97.01	31.52
103	98.41	30.40	98.32	30.69	98.23	30.97	98.14	31.26	98.05	31.54	97.96	31.83
104	99.37	30.70	99.28	30.98	99.19	31.27	99.10	31.56	99.00	31.85	98.91	32.14
105	100.32	30.99	100.23	31.28	100.14	31.57	100.05	31.87	99.95	32.16	99.86	32.45
106	101.28	31.29	101.19	31.58	101.09	31.87	101.00	32.17	100.91	32.46	100.81	32.76
107	102.23	31.58	102.14	31.88	102.05	32.18	101.95	32.47	101.86	32.77	101.76	33.06
108	103.19	31.88	103.10	32.18	103.00	32.48	102.91	32.78	102.81	33.07	102.71	33.37
109	104.14	32.17	104.05	32.47	103.95	32.78	103.86	33.08	103.76	33.38	103.67	33.68
110	105.10	32.47	105.00	32.77	104.91	33.08	104.81	33.38	104.71	33.68	104.62	33.98
111	106.06	32.76	105.96	33.07	105.86	33.38	105.76	33.69	105.67	33.99	105.57	34.30
112	107.01	33.06	106.91	33.37	106.82	33.68	106.72	33.99	106.62	34.30	106.52	34.61
113	107.97	33.35	107.87	33.67	107.77	33.98	107.67	34.29	107.57	34.61	107.47	34.92
114	108.92	33.65	108.82	33.96	108.72	34.28	108.62	34.60	108.52	34.91	108.42	35.23
115	109.88	33.94	109.78	34.26	109.68	34.58	109.58	34.90	109.47	35.22	109.37	35.54
116	110.83	34.24	110.73	34.56	110.63	34.88	110.53	35.20	110.43	35.53	110.32	35.85
117	111.79	34.53	111.69	34.86	111.58	35.18	111.48	35.51	111.38	35.83	111.27	36.15
118	112.74	34.83	112.64	35.16	112.54	35.48	112.43	35.81	112.33	36.14	112.22	36.46
119	113.70	35.12	113.60	35.45	113.49	35.78	113.39	36.11	113.28	36.45	113.18	36.77
120	114.65	35.42	114.55	35.75	114.45	36.08	114.34	36.42	114.23	36.75	114.13	37.08

'	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Grad	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	115.61	35.71	115.51	36,05	115.40	36.39	115.29	36.72	115.19	37.06	115.08	37.39
22	116.57	36.01	116.46	36,35	116.35	36.69	116.25	37.02	116.14	37.36	116.03	37.70
23	117.52	36.30	117.41	36,65	117.31	36.99	117.20	37.33	117.09	37.67	116.98	38.01
24	118.48	36.60	118.37	36,94	118.26	37.29	118.15	37.63	118.04	37.98	117.93	38.32
25	119.43	36.89	119.32	37,24	119.21	37.59	119.10	37.93	118.99	38.28	118.88	38.63
26	120.39	37.19	120.28	37,54	120.17	37.89	120.06	38.24	119.95	38.59	119.83	38.94
27	121.34	37.48	121.23	37,84	121.12	38,19	121.01	38.54	120.90	38.90	120.78	39.25
28	122.30	37.78	122.19	38,14	122.08	38.49	121,96	38.85	121.85	39.20	121.74	39.55
29	123.25	38.07	123.14	38.43	123,03	38,79	122,92	39.15	122.80	39.51	122.69	39.86
130	124.21	38.37	124.10	38.73	123.98	39,09	123.87	39,45	123.75	39.82	123.64	40.17
31	125.16	38.66	125.05	39.03	124.94	39.39	124,82	39,76	124.71	40.12	124.59	40.48
32	126.12	38.96	126.01	39.33	125.89	39.69	125.77	40.06	125.66	40.43	125.54	40.79
33	127.07	39.26	126.96	39.62	126.84	39.99	126.73	40.36	126.61	40.73	126.49	41.10
34	128.03	39.55	127.91	39.92	127.80	40.29	127.68	40,67	127,56	41.04	127.44	41.41
35	128.99	39.85	128.87	40.22	128.75	40.60	128.63	40,97	128.51	41.35	128.39	41.72
36	129.94	40.14	129.82	40.52	129.71	40.90	129,59	41.27	129.47	41,65	129.34	42.03
37	130.90	40.44	130.78	40.82	130.66	41.20	130.54	41,58	130.42	41,96	130.29	42.34
38	131.85	40.73	131.73	41.11	131.61	41.50	131.49	41.88	131.37	42,26	131.25	42.64
39	132.81	41.03	132.69	41.41	132.57	41.80	132.44	42,18	132,32	42,57	132.20	42.95
140	133.76	41.32	133.64	41.71	133.52	42.10	133.40	42.49	133.27	42,88	133.15	43.26
41	134.72	41.62	134.60	42.01	134.47	42.40	134.35	42,79	134.23	43.18	134.10	43.57
42	135.67	41.91	135.55	42.31	135.43	42.70	135.30	43.09	135.18	43.49	135.05	43.88
43	136.63	42.21	136.51	42.60	136.38	43.00	136.26	43,40	136,13	43.79	136,00	44.19
44	137.58	42.50	137.46	42.90	137.33	43.30	137.21	43,70	137.08	44.10	136,95	44.50
45	138.54	42.80	138.42	43.20	138.29	43.60	138.16	44,00	138.03	44.41	137,90	44.81
46	139,50	43.09	139.37	43.50	139.24	43.90	139.11	44,31	138.98	44.71	138.85	45.12
47	140.45	43.39	140.32	43.80	140.20	44.20	140.07	44.61	139,94	45.02	139.81	45,43
48	141.41	43.68	141.28	44.09	141.15	44.50	141.02	44.91	140.89	45.33	140,76	45.73
49	142.36	43.98	142.23	44.39	142.10	44.81	141.97	45.22	141,84	45.63	141.71	46,04
150	143.32	44.27	143.19	44.69	143.06	45.11	142.93	45.52	142.79	45.94	142.66	46.35
51	144.27	44,57	144.14	44.99	144.01	45.41	143.88	45.83	143.74	46.24	143.61	46.66
52	145.23	44.86	145.10	45.29	144.96	45.71	144.83	46.13	144.70	46,55	144.56	46,97
53	146.18	45.16	146.05	45.58	145.92	46.01	145.78	46.43	145.65	46.86	145.51	47.28
54	147.14	45,45	147,01	45,88	146.87	46.31	146.74	46.74	146.60	47.16	146.46	47.59
55	148.09	45,75	147.96	46,18	147.82	46.61	147.69	47.04	147.55	47,47	147,41	47,90
56	149.05	46.04	148.92	46.48	148,78	46.91	148.64	47.34	148.50	47.77	148,36	48.21
57	150.01	46.34	149.87	46.78	149.73	47.21	149.60	47.65	149.46	48.08	149.32	48.52
58	150.96	46.63	150.82	47.07	150.69	47,51	150.55	47.95	150.41	48.39	150.27	48.82
59	151.92	46.93	151.78	47.37	151.64	47,81	151.50	48.25	151.36	48,69	151.22	49.13
160	152.87	47,22	152.73	47.67	152.59	48,11	152.45	48.56	152.31	49.00	152.17	49,44
61	153.83	47,52	153.69	47.97	153.55	48,41	153.41	48.86	153.26	49.31	153,12	49.75
62	154.78	47.81	154.64	48.26	154.50	48.71	154.36	49,16	154,22	49,61	154.07	50.06
63	155.74	48.11	155.60	48.56	155.46	49.02	155.31	49,47	155.17	49.92	155.02	50.37
64	156.69	48.40	156.55	48.86	156.41	49.32	156.27	49,77	156.12	50.22	155.97	50.68
65	157.65	48.70	157.51	49.16	157.36	49.62	157.22	50.07	157.07	50.53	156.92	50.99
66	158.60	49.00	158.46	49.46	158.32	49.92	158,17	50.38	158.02	50.84	157,88	51.30
67	159.56	49.29	159.42	49.75	159.27	50,22	159.12	50.68	158.98	51,14	158.83	51.61
68	160.52	49.59	160.37	50.05	160,22	50,52	160.08	50.98	159.93	51,45	159.78	51,91
69	161.47	49.88	161.33	50.35	161.18	50.82	161.03	51.29	160.88	51.76	160.73	52.22
170	162.43	50.18	162.28	50.65	162.13	51.12	161.98	51.59	161.83	52.06	161.68	52.53
71	163.38	50.47	163.23	50.95	163.09	51.42	162.94	51.89	162.78	52.37	162.63	52.84
72	164.34	50.77	164.19	51.24	164.04	51.72	163.89	52.20	163.74	52.67	163.58	53.15
73	165.29	51.06	165.14	51.54	164.99	52.02	164.84	52.50	164.69	52.98	164.53	53.46
74	166.25	51.36	166.10	51.84	165.95	52.32	165.79	52.81	165.64	53.29	165.48	53.77
75	167.20	51.65	167.05	52.14	166.90	52.62	166.75	53.11	166.59	53.59	166.43	54.08
76	168.16	51.95	168.01	52.44	167.85	52.92	167.70	53.41	167.54	53.90	167.39	54.39
77	169.11	52.24	168.96	52.73	168,81	53.22	168.65	53.72	168.50	54.21	168.34	54.70
78	170.07	52.54	169.92	53.03	169.76	53.53	169,60	54.02	169.45	54,51	169,29	55.01
79	171.03	52.83	170,87	53.33	170,71	53.83	170.56	54.32	170,40	54.82	170.24	55.31
180	171.98	53.13	171.83	53.63	171.67	54.13	171.51	54.63	171.35	55.12	171.19	55.62

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.96	0.28	0,96	0,28	0.96	0.28	0,96	0.29	0.96	0.29	0.96	0.29
2	1.92	0,56	1.92	0,56	1,92	0.57	1.92	0.57	1.91	0.58	1.91	0.58
3	2,88	0,84	2,88	0.84	2.88	0.85	2.87	0.86	2.87	0.87	2.87	0.88
4	3,84	1,11	3,84	1.12	3.84	1.14	3.83	1.15	3.83	1.16	3.83	1.17
5	4,80	1.39	4.80	1.41	4,79	1.42	4.79	1.43	4,79	1,45	4.78	1.46
6	5.76	1,67	5 76	1,69	5.75	1,70	5,75	1.72	5,74	1.74	5.74	1,75
7	6.72	1.95	6.72	1,97	6.71	1,99	6.71	2,01	6.70	2.03	6,69	2,05
8	7.68	2,23	7,68	2,25	7.67	2.27	7,66	2,29	7,66	2.32	7,65	2.34
9	8.64	2.51	8,64	2,53	8.63	2.56	8,62	2.58	8,61	2,61	8.61	2.63
10	9.60	2.78	9,60	2.81	9.59	2.84	9.58	2,87	9.57	2,90	9.56	2.92
11	10.57	3.06	10.56	3,09	10.55	3.12	10.54	3.15	10.53	3.19	10,52	3.22
12	11.53	3.34	11.52	3.37	11.51	3.41	11.50	3.44	11.49	3.48	11.48	3,51
13	12.49	3.62	12.48	3.66	12.46	3.69	12.45	3.73	12.44	3.76	12.43	3.80
14	13.45	3.90	13.43	3.94	13.42	3.98	13.41	4.02	13.40	4.05	13.39	4.09
15	14.41	4.18	14.39	4.22	14.38	4.26	14.37	4.30	14.36	4.34	14.34	4.39
16	15,37	4.45	15.35	4.50	15.34	4.54	15,33	4.59	15.31	4.63	15.30	4.68
17	16.33	4.73	16.31	4.78	16.30	4.83	16.29	4.88	16.27	4.92	16.26	4.97
18	17,29	5,01	17.27	5.06	17.26	5.11	17.24	5.16	17.23	5,21	17.21	5.26
19	18.25	5,29	18,23	5.34	18.22	5.40	18.20	5.45	18,19	5,50	18.17	5.56
20	19.21	5,57	19,19	5.62	19.18	5.68	19.16	5.74	19.14	5.79	19.13	5.85
21	20.17	5.85	20,15	5,91	20.14	5.96	20.12	6.02	20.10	6.08	20,08	6.14
22	21.13	6.13	21.11	6.19	21.09	6.25	21.08	6.31	21.06	6.37	21.04	6.43
23	22.09	6.40	22.07	6.47	22.05	6.53	22.03	6.60	22.01	6,66	21.99	6.72
24	23.05	6.68	23.03	6.75	23.01	6.82	22.99	6.88	22.97	6,95	22.95	7.02
25	24.01	6,96	23.99	7.03	23.97	7.10	23.95	7.17	23,93	7.24	23,91	7.31
26	24.97	7.24	24.95	7.31	24.93	7.38	24.91	7.46	24.89	7.53	24.86	7.60
27	25.93	7,52	25.91	7.59	25.89	7,67	25.87	7.74	25.84	7.82	25.82	7,89
28	26.89	7.80	26.87	7.87	26.85	7.95	26.82	8.03	26.80	8.11	26.78	8.19
29	27.85	8,07	27.83	8.16	27.81	8.24	27,78	8.32	27.76	8.40	27.73	8.48
30	28.81	8.35	28.79	8.44	28.76	8.52	28.74	8.60	28.71	8.69	28.69	8.77
31	29,77	8,63	29.75	8.72	29.72	8.80	29.70	8.89	29.67	8,98	29.65	9.06
32	30.73	8.91	30,71	9.00	30.68	9.09	30.66	9.18	30.63	9.27	30.60	9.36
33	31.70	9,19	31.67	9.28	31.64	9.37	31.61	9.46	31.59	9.56	31.56	9.65
34	32.66	9.47	32.63	9.56	32.60	9.66	32.57	9.75	32.54	9.85	32.51	9.94
35	33.62	9,75	33.59	9.84	33.56	9.94	33.53	10.04	33.50	10.14	33.47	10.23
36	34.58	10.02	34.55	10.12	34.52	10.23	34.49	10.32	34.46	10.43	34.43	10.53
37	35.54	10.30	35.51	10.41	35.48	10.51	35.45	10.61	35.41	10.71	35.38	10.82
38	36.50	10.58	36.47	10.69	36.43	10.79	36.40	10.90	36.37	11.00	36.34	11.11
39	37,46	10.86	37.43	10.97	37.39	11.08	37.36	11.19	37,33	11,29	37.30	11.40
40	38,42	11.14	38.39	11.25	38.35	11.36	38,32	11,47	38.29	11.58	38.25	11.69
41	39.38	11.42	39.35	11.53	39.31	11,64	39,28	11.76	39.24	11.87	39.21	11.99
42	40,34	11.69	40.30	11.81	40.27	11,93	40.24	12.05	40.20	12.16	40.16	12.28
43	41.30	11.97	41.26	12.09	41,23	12.21	41.19	12.33	41.16	12.45	41.12	12.57
44	42.26	12.25	42.22	12.37	42.19	12,50	42.15	12.62	42.11	12.74	42.08	12.86
45	43.22	12,53	43.18	12.66	43.15	12,78	43.11	12.91	43.07	13.03	43.03	13.16
46	44,18	12.81	44,14	12.94	44.11	13.06	44.07	13.19	44.03	13.32	43.99	13.45
47	45,14	13.09	45,10	13.22	45.06	13.35	45 03	13.48	44.99	13.61	44.95	13.74
48	46,10	13,36	46,06	13,50	46.02	13.63	45.98	13.77	45.94	13.90	45.90	14.03
49	47.06	13,64	47,02	13,78	46.98	13.92	46.94	14.05	46.90	14.19	46.86	14.33
50	48.02	13.92	47.98	14,06	47.94	14.20	47.90	14.34	47.86	14.48	47.82	14.62
51	48.98	14.20	48,94	14,34	48,90	14.48	48.86	14.63	48,81	14.77	48,77	14.91
52	49.94	14.48	49,90	14.62	49.86	14.77	49.82	14,91	49.77	15.06	49.73	15.20
53	50.90	14.76	50.86	14.90	50.82	15.05	50.77	15.20	50.73	15,35	50.68	15.50
54	51.86	15.04	51.82	15,19	51.78	15.34	51.73	15.49	51.69	15.64	51.64	15.79
55	52.83	15.31	52.78	15.47	52,73	15.62	52.69	15.77	52,64	15.93	52.60	16.08
56	53.79	15.59	53.74	15.75	53.69	15.90	53.65	16.06	53.60	16.22	53.55	16.37
57	54.75	15,87	54.70	16.03	54.65	16.19	54.61	16.35	54.56	16.51	54.51	16.67
58	55.71	16,15	55.66	16.31	55,61	16.47	55.56	16.63	55.51	16.80	55.47	16.96
59	56.67	16.43	56.62	16.59	56.57	16.76	56.52	16.92	56.47	17.09	56.42	17.25
60	57.63	16,71	57.58	16.87	57.53	17.04	57.48	17.21	57.43	17.38	57.38	17.54

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	58.59	16.98	58.54	17.15	58.49	17.32	58.44	17.49	58.39	17.66	58.33	17.83
62	59.55	17.26	59.50	17.44	59.45	17.61	59.40	17.78	59.34	17.95	59.29	18.13
63	60.51	17.54	60.46	17.72	60.41	17.89	60.35	18.07	60.30	18.24	60.25	18.42
64	61.47	17.82	61.42	18.00	61.36	18.18	61.31	18.36	61.26	18.53	61.20	18.71
65	62.43	18.10	62.38	18.28	62.32	18.46	62.27	18.64	62.21	18.82	62.16	19.00
66	63.39	18.38	63.34	18.56	63.28	18.75	63.23	18.93	63.17	19.11	63.12	19.30
67	64.35	18.66	64.30	18.84	64.24	19.03	64.19	19.22	64.13	19.40	64.07	19.59
68	65.31	18.93	65.26	19.12	65.20	19.31	65.14	19.50	65.09	19.69	65.03	19.88
69	66.27	19.21	66.22	19.40	66.16	19.60	66.10	19.79	66.04	19.98	65.98	20.17
70	67.23	19.49	67.17	19.69	67.12	19.88	67.06	20.08	67.00	20.27	66.94	20.47
71	68.19	19.77	68.13	19.97	68.08	20.17	68.02	20.36	67.96	20.56	67.90	20.76
72	69.15	20.05	69.09	20.25	69.03	20.45	68.98	20.65	68.91	20.85	68.85	21.05
73	70.11	20.33	70.05	20.53	69.99	20.73	69.93	20.94	69.87	21.14	69.81	21.34
74	71.07	20.60	71.01	20.81	70.95	21.02	70.89	21.22	70.83	21.43	70.77	21.64
75	72.03	20.88	71.97	21.09	71.91	21.30	71.85	21.51	71.79	21.72	71.72	21.93
76	72.99	21.16	72.93	21.37	72.87	21.59	72.81	21.80	72.74	22.01	72.68	22.22
77	73.96	21.44	73.89	21.65	73.83	21.87	73.77	22.08	73.70	22.30	73.64	22.51
78	74.92	21.72	74.85	21.94	74.79	22.15	74.72	22.37	74.66	22.59	74.59	22.80
79	75.88	22.00	75.81	22.22	75.75	22.44	75.68	22.66	75.61	22.88	75.55	23.10
80	76.84	22.27	76.77	22.50	76.71	22.72	76.64	22.94	76.57	23.17	76.50	23.39
81	77.80	22.55	77.73	22.78	77.66	23.01	77.60	23.23	77.53	23.46	77.46	23.68
82	78.76	22.83	78.69	23.06	78.6.	23.29	78.56	23.52	78.49	23.75	78.42	23.97
83	79.72	23.11	79.65	23.34	79.58	23.57	79.51	23.80	79.44	24.04	79.37	24.27
84	80.68	23.39	80.61	23.62	80.54	23.86	80.47	24.09	80.40	24.33	80.33	24.56
85	81.64	23.67	81.57	23.90	81.50	24.14	81.43	24.38	81.36	24.61	81.29	24.85
86	82.60	23.95	82.53	24.19	82.46	24.43	82.39	24.67	82.31	24.90	82.24	25.14
87	83.56	24.22	83.49	24.47	83.42	24.71	83.35	24.95	83.27	25.19	83.20	25.44
88	84.52	24.50	84.45	24.75	84.38	24.99	84.30	25.24	84.23	25.48	84.15	25.73
89	85.48	24.78	85.41	25.03	85.33	25.28	85.26	25.53	85.19	25.77	85.11	26.02
90	86.44	25.06	86.37	25.31	86.29	25.56	86.22	25.81	86.14	26.06	86.07	26.31
91	87.40	25.34	87.33	25.59	87.25	25.85	87.18	26.10	87.10	26.35	87.02	26.61
92	88.36	25.62	88.29	25.87	88.21	26.13	88.14	26.39	88.06	26.64	87.98	26.90
93	89.32	25.89	89.25	26.15	89.17	26.41	89.09	26.67	89.02	26.93	88.94	27.19
94	90.28	26.17	90.21	26.44	90.13	26.70	90.05	26.96	89.97	27.22	89.89	27.48
95	91.24	26.45	91.17	26.72	91.09	26.98	91.01	27.25	90.93	27.51	90.85	27.78
96	92.20	26.73	92.13	27.00	92.05	27.27	91.97	27.53	91.89	27.80	91.81	28.07
97	93.16	27.01	93.09	27.28	93.00	27.55	92.93	27.82	92.84	28.09	92.76	28.36
98	94.12	27.29	94.04	27.56	93.96	27.83	93.88	28.11	93.80	28.38	93.72	28.65
99	95.09	27.56	95.00	27.84	94.92	28.12	94.84	28.39	94.76	28.67	94.67	28.94
100	96.05	27.84	95.96	28.12	95.88	28.40	95.80	28.68	95.72	28.96	95.63	29.24
01	97.01	28.12	96.92	28.40	96.84	28.69	96.76	28.97	96.67	29.25	96.59	29.53
02	97.97	28.40	97.88	28.68	97.80	28.97	97.72	29.25	97.63	29.54	97.54	29.82
03	98.93	28.68	98.84	28.97	98.76	29.25	98.67	29.54	98.59	29.83	98.50	30.11
04	99.89	28.96	99.80	29.25	99.72	29.54	99.63	29.83	99.54	30.12	99.46	30.41
05	100.85	29.24	100.76	29.53	100.68	29.82	100.59	30.11	100.50	30.41	100.41	30.70
06	101.81	29.51	101.72	29.81	101.63	30.11	101.55	30.40	101.46	30.70	101.37	30.99
07	102.77	29.79	102.68	30.09	102.59	30.39	102.51	30.69	102.42	30.99	102.32	31.28
08	103.73	30.07	103.64	30.37	103.55	30.67	103.46	30.97	103.37	31.28	103.28	31.58
09	104.69	30.35	104.60	30.65	104.51	30.96	104.42	31.26	104.33	31.57	104.24	31.87
110	105.65	30.63	105.56	30.93	105.47	31.24	105.38	31.55	105.29	31.85	105.19	32.16
11	106.61	30.91	106.52	31.22	106.43	31.53	106.34	31.84	106.25	32.14	106.15	32.45
12	107.57	31.18	107.48	31.50	107.39	31.81	107.29	32.12	107.20	32.43	107.11	32.75
13	108.53	31.46	108.44	31.78	108.35	32.09	108.25	32.41	108.16	32.72	108.06	33.04
14	109.49	31.74	109.40	32.06	109.30	32.38	109.21	32.70	109.12	33.01	109.02	33.33
15	110.45	32.02	110.36	32.34	110.26	32.66	110.17	32.98	110.07	33.30	109.97	33.62
16	111.41	32.30	111.32	32.62	111.22	32.95	111.13	33.27	111.03	33.59	110.93	33.92
17	112.37	32.58	112.28	32.90	112.18	33.23	112.08	33.56	111.99	33.88	111.89	34.21
18	113.33	32.86	113.24	33.18	113.14	33.51	113.04	33.84	112.95	34.17	112.84	34.50
19	114.29	33.13	114.20	33.47	114.10	33.80	114.00	34.13	113.90	34.46	113.80	34.79
120	115.25	33.41	115.16	33.75	115.06	34.08	114.96	34.42	114.86	34.75	114.76	35.08
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Gr.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	116.22	33.65	116.12	34.03	116.02	34.37	115.92	34.70	115.82	35.04	115.71	35.36
22	117.18	33.97	117.08	34.31	116.98	34.65	116.87	34.98	116.77	35.33	116.67	35.67
23	118.14	34.26	118.04	34.59	117.93	34.93	117.83	35.26	117.73	35.62	117.63	35.96
24	119.10	34.58	118.00	34.87	118.89	35.22	118.79	35.56	118.69	35.91	118.58	36.25
25	120.06	34.80	119.96	35.15	119.85	35.50	119.75	35.85	119.64	36.20	119.54	36.54
26	121.02	35.08	120.91	35.43	120.81	35.79	120.71	36.14	120.60	36.48	120.49	36.84
27	121.98	35.36	121.87	35.72	121.77	36.07	121.66	36.42	121.56	36.78	121.45	37.13
28	122.94	35.64	122.83	36.00	122.73	36.35	122.62	36.71	122.52	37.07	122.41	37.42
29	123.90	35.92	123.79	36.28	123.69	36.64	123.58	37.00	123.47	37.36	123.36	37.72
130	124.86	36.20	124.75	36.56	124.65	36.92	124.54	37.28	124.43	37.65	124.32	38.01
31	125.82	36.47	125.71	36.84	125.60	37.21	125.50	37.57	125.39	37.94	125.28	38.30
32	126.78	36.75	126.67	37.12	126.56	37.49	126.45	37.86	126.34	38.23	126.23	38.59
33	127.74	37.03	127.63	37.40	127.52	37.77	127.41	38.14	127.30	38.52	127.19	38.89
34	128.70	37.31	128.59	37.68	128.48	38.06	128.37	38.43	128.26	38.80	128.14	39.18
35	129.66	37.59	129.55	37.97	129.44	38.34	129.33	38.72	129.22	39.09	129.10	39.47
36	130.62	37.87	130.51	38.25	130.40	38.63	130.29	39.01	130.17	39.38	130.06	39.76
37	131.58	38.15	131.47	38.53	131.36	38.91	131.24	39.29	131.13	39.67	131.01	40.05
38	132.54	38.42	132.43	38.81	132.32	39.19	132.20	39.58	132.09	39.96	131.97	40.35
39	133.50	38.70	133.39	39.09	133.28	39.48	133.16	39.87	133.04	40.25	132.93	40.64
140	134.46	38.98	134.35	39.37	134.23	39.76	134.12	40.15	134.00	40.54	133.88	40.93
41	135.42	39.26	135.31	39.65	135.19	40.05	135.08	40.44	134.96	40.83	134.84	41.23
42	136.38	39.54	136.27	39.93	136.15	40.33	136.03	40.73	135.92	41.12	135.80	41.52
43	137.35	39.82	137.23	40.22	137.11	40.61	136.99	41.01	136.87	41.41	136.75	41.81
44	138.31	40.09	138.19	40.50	138.07	40.90	137.95	41.30	137.83	41.70	137.71	42.10
45	139.27	40.37	139.15	40.78	139.03	41.18	138.91	41.59	138.79	41.99	138.66	42.39
46	140.23	40.65	140.11	41.06	139.99	41.47	139.87	41.87	139.75	42.28	139.62	42.69
47	141.19	40.93	141.07	41.34	140.95	41.75	140.82	42.16	140.70	42.57	140.58	42.98
48	142.15	41.21	142.03	41.62	141.90	42.03	141.78	42.45	141.66	42.86	141.53	43.27
49	143.11	41.49	142.99	41.90	142.86	42.32	142.74	42.73	142.62	43.15	142.49	43.56
150	144.07	41.76	143.95	42.18	143.82	42.60	143.70	43.02	143.57	43.44	143.45	43.86
51	145.03	42.04	144.91	42.46	144.78	42.89	144.66	43.31	144.53	43.73	144.40	44.15
52	145.99	42.32	145.87	42.75	145.74	43.17	145.61	43.59	145.49	44.02	145.36	44.44
53	146.95	42.60	146.82	43.03	146.70	43.45	146.57	43.88	146.45	44.31	146.31	44.73
54	147.91	42.88	147.78	43.31	147.66	43.74	147.53	44.17	147.40	44.60	147.27	45.03
55	148.87	43.16	148.74	43.59	148.62	44.02	148.49	44.45	148.36	44.89	148.23	45.32
56	149.83	43.44	149.70	43.87	149.57	44.31	149.45	44.74	149.32	45.18	149.18	45.61
57	150.79	43.71	150.66	44.15	150.53	44.59	150.40	45.03	150.27	45.47	150.14	45.90
58	151.75	43.99	151.62	44.43	151.49	44.87	151.36	45.31	151.23	45.75	151.10	46.19
59	152.71	44.27	152.58	44.71	152.45	45.16	152.32	45.60	152.19	46.04	152.05	46.49
160	153.67	44.55	153.54	45.00	153.41	45.44	153.28	45.89	153.15	46.33	153.01	46.78
61	154.63	44.83	154.50	45.28	154.37	45.73	154.24	46.18	154.10	46.62	153.96	47.07
62	155.59	45.11	155.46	45.56	155.33	46.01	155.19	46.46	155.06	46.91	154.92	47.36
63	156.55	45.38	156.42	45.84	156.29	46.29	156.15	46.75	156.02	47.20	155.88	47.66
64	157.51	45.66	157.38	46.12	157.25	46.58	157.11	47.04	156.97	47.49	156.83	47.95
65	158.48	45.94	158.34	46.40	158.20	46.86	158.07	47.32	157.93	47.78	157.79	48.24
66	159.44	46.22	159.30	46.68	159.16	47.15	159.03	47.61	158.89	48.07	158.75	48.53
67	160.40	46.50	160.26	46.96	160.12	47.43	159.98	47.90	159.85	48.36	159.70	48.83
68	161.36	46.78	161.22	47.25	161.08	47.71	160.94	48.18	160.80	48.65	160.66	49.12
69	162.32	47.06	162.18	47.53	162.04	48.00	161.90	48.47	161.76	48.94	161.62	49.41
170	163.28	47.33	163.14	47.81	163.00	48.28	162.86	48.76	162.72	49.23	162.57	49.70
71	164.24	47.61	164.10	48.09	163.96	48.57	163.82	49.04	163.67	49.52	163.53	50.00
72	165.20	47.89	165.06	48.37	164.92	48.85	164.77	49.33	164.63	49.81	164.48	50.29
73	166.16	48.17	166.02	48.65	165.87	49.13	165.73	49.62	165.59	50.10	165.44	50.58
74	167.12	48.45	166.98	48.93	166.83	49.42	166.69	49.90	166.55	50.39	166.40	50.87
75	168.08	48.73	167.94	49.21	167.79	49.70	167.65	50.19	167.50	50.68	167.35	51.16
76	169.04	49.00	168.90	49.50	168.75	49.99	168.61	50.48	168.46	50.97	168.31	51.46
77	170.00	49.28	169.86	49.78	169.71	50.27	169.56	50.76	169.42	51.26	169.27	51.75
78	170.96	49.56	170.82	50.06	170.67	50.55	170.52	51.05	170.37	51.55	170.22	52.04
79	171.92	49.84	171.78	50.34	171.63	50.84	171.48	51.34	171.33	51.84	171.18	52.35
180	172.88	50.12	172.74	50.62	172.59	51.12	172.44	51.62	172.29	52.13	172.13	52.63

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	173.84	50.40	173.69	50.90	173.55	51.41	173.40	51.91	173.24	52.42	173.09	52.92
82	174.80	50.67	174.65	51.18	174.50	51.69	174.35	52.20	174.20	52.71	174.05	53.21
83	175.76	50.95	175.61	51.46	175.46	51.97	175.31	52.48	175.16	52.99	175.00	53.50
84	176.72	51.23	176.57	51.75	176.42	52.26	176.27	52.77	176.12	53.28	175.96	53.80
85	177.68	51.51	177.53	52.03	177.38	52.54	177.23	53.06	177.07	53.57	176.92	54.09
86	178.64	51.79	178.49	52.31	178.34	52.83	178.19	53.35	178.03	53.86	177.87	54.38
87	179.61	52.07	179.45	52.59	179.30	53.11	179.14	53.63	178.99	54.15	178.83	54.67
88	180.57	52.35	180.41	52.87	180.26	53.40	180.10	53.92	179.94	54.44	179.79	54.97
89	181.53	52.62	181.37	53.15	181.22	53.68	181.06	54.21	180.90	54.73	180.74	55.26
190	182.49	52.90	182.33	53.43	182.17	53.96	182.02	54.49	181.86	55.02	181.70	55.55
91	183.45	53.18	183.29	53.71	183.13	54.25	182.98	54.78	182.82	55.31	182.65	55.84
92	184.41	53.46	184.25	54.00	184.09	54.53	183.93	55.07	183.77	55.60	183.61	56.14
93	185.37	53.74	185.21	54.28	185.05	54.82	184.89	55.35	184.73	55.89	184.57	56.43
94	186.33	54.02	186.17	54.56	186.01	55.10	185.85	55.64	185.69	56.18	185.52	56.72
95	187.29	54.29	187.13	54.84	186.97	55.38	186.81	55.93	186.64	56.47	186.48	57.01
96	188.25	54.57	188.09	55.12	187.93	55.67	187.77	56.21	187.60	56.76	187.44	57.30
97	189.21	54.85	189.05	55.40	188.89	55.95	188.72	56.50	188.56	57.05	188.39	57.60
98	190.17	55.13	190.01	55.68	189.84	56.24	189.68	56.79	189.52	57.34	189.35	57.89
99	191.13	55.41	190.97	55.96	190.80	56.52	190.64	57.07	190.47	57.63	190.30	58.18
200	192.09	55.69	191.93	56.24	191.76	56.80	191.60	57.36	191.43	57.92	191.26	58.47
01	193.05	55.97	192.89	56.53	192.72	57.09	192.56	57.65	192.39	58.21	192.22	58.77
02	194.01	56.24	193.85	56.81	193.68	57.37	193.51	57.93	193.34	58.50	193.17	59.06
03	194.97	56.52	194.81	57.09	194.64	57.66	194.47	58.22	194.30	58.79	194.13	59.35
04	195.93	56.80	195.77	57.37	195.60	57.94	195.43	58.51	195.26	59.08	195.09	59.64
05	196.89	57.08	196.73	57.65	196.56	58.22	196.39	58.79	196.22	59.37	196.04	59.94
06	197.85	57.36	197.69	57.93	197.52	58.51	197.35	59.08	197.17	59.66	197.00	60.23
07	198.81	57.64	198.65	58.21	198.47	58.79	198.30	59.37	198.13	59.94	197.96	60.52
08	199.77	57.91	199.61	58.49	199.43	59.08	199.26	59.66	199.09	60.23	198.91	60.81
09	200.74	58.19	200.56	58.78	200.39	59.36	200.22	59.94	200.04	60.52	199.87	61.11
210	201.70	58.47	201.52	59.06	201.35	59.64	201.18	60.23	201.00	60.81	200.82	61.40
11	202.66	58.75	202.48	59.34	202.31	59.93	202.14	60.52	201.96	61.10	201.78	61.69
12	203.62	59.03	203.44	59.62	203.27	60.21	203.09	60.80	202.92	61.39	202.74	61.98
13	204.58	59.31	204.40	59.90	204.23	60.50	204.05	61.09	203.87	61.68	203.69	62.28
14	205.54	59.58	205.36	60.18	205.19	60.78	205.01	61.38	204.83	61.97	204.65	62.57
15	206.50	59.86	206.32	60.46	206.14	61.06	205.97	61.66	205.79	62.26	205.61	62.86
16	207.46	60.14	207.28	60.74	207.10	61.35	206.93	61.95	206.74	62.55	206.56	63.15
17	208.42	60.42	208.24	61.03	208.06	61.63	207.88	62.24	207.70	62.84	207.52	63.44
18	209.38	60.70	209.20	61.31	209.02	61.92	208.84	62.52	208.66	63.13	208.47	63.74
19	210.34	60.98	210.16	61.59	209.98	62.20	209.80	62.81	209.62	63.42	209.43	64.03
220	211.30	61.26	211.12	61.87	210.94	62.48	210.76	63.10	210.57	63.71	210.39	64.32
21	212.26	61.53	212.08	62.15	211.90	62.77	211.72	63.38	211.53	64.00	211.34	64.61
22	213.22	61.81	213.04	62.43	212.86	63.05	212.67	63.67	212.49	64.29	212.30	64.91
23	214.18	62.09	214.00	62.71	213.82	63.34	213.63	63.96	213.44	64.58	213.26	65.20
24	215.14	62.37	214.96	62.99	214.77	63.62	214.59	64.24	214.40	64.87	214.21	65.49
25	216.10	62.65	215.92	63.28	215.73	63.90	215.55	64.53	215.36	65.16	215.17	65.78
26	217.06	62.93	216.88	63.56	216.69	64.19	216.51	64.82	216.32	65.45	216.12	66.08
27	218.02	63.20	217.84	63.84	217.65	64.47	217.46	65.10	217.27	65.74	217.08	66.37
28	218.98	63.48	218.80	64.12	218.61	64.76	218.42	65.39	218.23	66.03	218.04	66.66
29	219.94	63.76	219.76	64.40	219.57	65.04	219.38	65.68	219.19	66.32	218.99	66.95
230	220.90	64.04	220.72	64.68	220.53	65.32	220.34	65.96	220.14	66.61	219.95	67.25
31	221.87	64.32	221.68	64.96	221.49	65.61	221.30	66.25	221.10	66.89	220.91	67.54
32	222.83	64.60	222.64	65.24	222.44	65.89	222.25	66.54	222.06	67.18	221.86	67.83
33	223.79	64.87	223.60	65.53	223.40	66.18	223.21	66.83	223.02	67.47	222.82	68.12
34	224.75	65.15	224.56	65.81	224.36	66.46	224.17	67.11	223.97	67.76	223.78	68.41
35	225.71	65.43	225.52	66.09	225.32	66.74	225.13	67.40	224.93	68.05	224.73	68.71
36	226.67	65.71	226.48	66.37	226.28	67.03	226.09	67.69	225.89	68.34	225.69	69.00
37	227.63	65.99	227.43	66.65	227.24	67.31	227.04	67.97	226.84	68.63	226.64	69.29
38	228.59	66.27	228.39	66.93	228.20	67.60	228.00	68.26	227.80	68.92	227.60	69.58
39	229.55	66.55	229.35	67.21	229.16	67.88	228.96	68.55	228.76	69.21	228.56	69.88
240	230.51	66.82	230.31	67.49	230.12	68.16	229.92	68.83	229.72	69.50	229.51	70.17

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	114.97	37.73	114.86	38.06	114.75	38.39	114.64	38.73	114.52	39.06	114.41	39.39
22	115.92	38.04	115.81	38.38	115.70	38.71	115.58	39.05	115.47	39.38	115.35	39.72
23	116.87	38.35	116.76	38.69	116.64	39.03	116.53	39.37	116.41	39.71	116.30	40.04
24	117.82	38.66	117.71	39.00	117.59	39.35	117.48	39.69	117.36	40.03	117.24	40.37
25	118.77	38.97	118.66	39.32	118.54	39.66	118.42	40.01	118.31	40.35	118.19	40.70
26	119.72	39.28	119.60	39.63	119.49	39.98	119.37	40.33	119.25	40.67	119.14	41.02
27	120.67	39.60	120.55	39.95	120.44	40.30	120.32	40.65	120.20	41.00	120.08	41.35
28	121.62	39.91	121.50	40.26	121.39	40.61	121.27	40.97	121.15	41.32	121.03	41.67
29	122.57	40.22	122.45	40.58	122.33	40.93	122.21	41.29	122.09	41.64	121.97	42.00
130	123.52	40.53	123.40	40.89	123.28	41.25	123.16	41.61	123.04	41.97	122.92	42.32
31	124.47	40.84	124.35	41.21	124.23	41.57	124.11	41.93	123.99	42.29	123.86	42.65
32	125.42	41.16	125.30	41.52	125.18	41.88	125.06	42.25	124.93	42.61	124.81	42.97
33	126.37	41.47	126.25	41.84	126.13	42.20	126.00	42.57	125.88	42.93	125.75	43.30
34	127.32	41.78	127.20	42.15	127.08	42.52	126.95	42.89	126.83	43.26	126.70	43.63
35	128.27	42.09	128.15	42.46	128.02	42.84	127.90	43.21	127.77	43.58	127.65	43.95
36	129.22	42.40	129.10	42.78	128.97	43.15	128.85	43.53	128.72	43.90	128.59	44.28
37	130.17	42.71	130.05	43.09	129.92	43.47	129.79	43.85	129.67	44.23	129.54	44.60
38	131.12	43.03	131.00	43.41	130.87	43.79	130.74	44.17	130.61	44.55	130.48	44.93
39	132.07	43.34	131.94	43.72	131.82	44.11	131.69	44.49	131.56	44.87	131.43	45.25
140	133.02	43.65	132.89	44.04	132.77	44.42	132.64	44.81	132.50	45.19	132.37	45.58
41	133.97	43.96	133.84	44.35	133.71	44.74	133.58	45.13	133.45	45.52	133.32	45.91
42	134.92	44.27	134.79	44.67	134.66	45.06	134.53	45.45	134.40	45.84	134.26	46.23
43	135.87	44.58	135.74	44.98	135.61	45.37	135.48	45.77	135.34	46.16	135.21	46.56
44	136.82	44.90	136.69	45.30	136.56	45.69	136.43	46.09	136.29	46.49	136.15	46.88
45	137.77	45.21	137.64	45.61	137.51	46.01	137.37	46.41	137.24	46.81	137.10	47.21
46	138.72	45.52	138.59	45.92	138.46	46.33	138.32	46.73	138.18	47.13	138.05	47.53
47	139.67	45.83	139.54	46.24	139.40	46.64	139.27	47.05	139.13	47.45	138.99	47.86
48	140.62	46.14	140.49	46.55	140.35	46.96	140.21	47.37	140.08	47.78	139.94	48.18
49	141.57	46.46	141.44	46.87	141.30	47.28	141.16	47.69	141.02	48.10	140.88	48.51
150	142.52	46.77	142.39	47.18	142.25	47.60	142.11	48.01	141.97	48.42	141.83	48.84
51	143.47	47.08	143.34	47.50	143.20	47.91	143.06	48.33	142.92	48.75	142.77	49.16
52	144.42	47.39	144.28	47.81	144.15	48.23	144.00	48.65	143.86	49.07	143.72	49.49
53	145.37	47.70	145.23	48.13	145.09	48.55	144.95	48.97	144.81	49.39	144.66	49.81
54	146.32	48.01	146.18	48.44	146.04	48.86	145.90	49.29	145.75	49.71	145.61	50.14
55	147.27	48.33	147.13	48.76	146.99	49.18	146.85	49.61	146.70	50.04	146.56	50.46
56	148.22	48.64	148.08	49.07	147.94	49.50	147.79	49.93	147.65	50.36	147.50	50.79
57	149.17	48.95	149.03	49.38	148.89	49.82	148.74	50.25	148.59	50.68	148.45	51.11
58	150.12	49.26	149.98	49.70	149.84	50.13	149.69	50.57	149.54	51.01	149.39	51.44
59	151.07	49.57	150.93	50.01	150.78	50.45	150.64	50.89	150.49	51.33	150.34	51.77
160	152.02	49.89	151.88	50.33	151.73	50.77	151.58	51.21	151.43	51.65	151.28	52.09
61	152.97	50.20	152.83	50.64	152.68	51.09	152.53	51.53	152.38	51.97	152.23	51.42
62	153.92	50.51	153.78	50.96	153.63	51.40	153.48	51.85	153.32	52.30	153.17	52.74
63	154.88	50.82	154.73	51.27	154.58	51.72	154.43	52.17	154.27	52.62	154.12	53.07
64	155.83	51.13	155.68	51.59	155.53	52.04	155.37	52.49	155.22	52.94	155.07	53.39
65	156.78	51.44	156.62	51.90	156.47	52.36	156.32	52.81	156.17	53.26	156.01	53.72
66	157.73	51.76	157.57	52.22	157.42	52.67	157.27	53.13	157.11	53.59	156.96	54.04
67	158.68	52.07	158.52	52.53	158.37	52.99	158.22	53.45	158.06	53.91	157.90	54.37
68	159.63	52.38	159.47	52.84	159.32	53.31	159.16	53.77	159.01	54.23	158.85	54.70
69	160.58	52.69	160.42	53.16	160.27	53.62	160.11	54.09	159.95	54.56	159.79	55.02
170	161.53	53.00	161.37	53.47	161.22	53.94	161.06	54.41	160.90	54.88	160.74	55.35
71	162.48	53.31	162.32	53.79	162.16	54.26	162.01	54.73	161.84	55.20	161.68	55.67
72	163.43	53.63	163.27	54.10	163.11	54.58	162.95	55.05	162.79	55.52	162.63	56.00
73	164.38	53.94	164.22	54.42	164.06	54.89	163.90	55.37	163.74	55.85	163.57	56.32
74	165.33	54.25	165.17	54.73	165.01	55.21	164.85	55.69	164.68	56.17	164.52	56.65
75	166.28	54.56	166.12	55.05	165.96	55.53	165.79	56.01	165.63	56.49	165.47	56.97
76	167.23	54.87	167.07	55.36	166.91	55.85	166.74	56.33	166.58	56.82	166.41	57.30
77	168.18	55.19	168.02	55.68	167.85	56.16	167.69	56.65	167.52	57.14	167.36	57.63
78	169.13	55.50	168.96	55.99	168.80	56.48	168.64	56.97	168.47	57.46	168.30	57.95
79	170.08	55.81	169.91	56.30	169.75	56.80	169.58	57.29	169.42	57.78	169.25	58.28
180	171.03	56.12	170.86	56.62	170.70	57.11	170.53	57.61	170.36	58.11	170.19	58.60

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	171.98	56.43	171.81	56.93	171.65	57.43	171.48	57.93	171.31	58.43	171.14	58.93
82	172.93	56.74	172.76	57.25	172.59	57.75	172.43	58.25	172.26	58.75	172.08	59.25
83	173.88	57.06	173.71	57.56	173.54	58.07	173.37	58.57	173.20	59.08	173.03	59.58
84	174.83	57.37	174.66	57.88	174.49	58.38	174.32	58.89	174.15	59.40	173.98	59.90
85	175.78	57.68	175.61	58.19	175.44	58.70	175.27	59.21	175.10	59.72	174.92	60.23
86	176.73	57.99	176.56	58.51	176.39	59.02	176.22	59.53	176.04	60.04	175.87	60.56
87	177.68	58.30	177.51	58.82	177.34	59.34	177.16	59.85	176.99	60.37	176.81	60.88
88	178.63	58.62	178.46	59.14	178.28	59.65	178.11	60.17	177.93	60.69	177.76	61.21
89	179.58	58.93	179.41	59.45	179.23	59.97	179.06	60.49	178.88	61.01	178.70	61.53
190	180.53	59.24	180.36	59.76	180.18	60.29	180.01	60.81	179.83	61.34	179.65	61.86
91	181.48	59.55	181.31	60.08	181.13	60.61	180.95	61.13	180.77	61.66	180.59	62.18
92	182.43	59.86	182.25	60.39	182.08	60.92	181.90	61.45	181.72	61.98	181.54	62.51
93	183.38	60.17	183.20	60.71	183.03	61.24	182.85	61.77	182.67	62.30	182.49	62.83
94	184.33	60.49	184.15	61.02	183.97	61.56	183.80	62.09	183.61	62.63	183.43	63.16
95	185.28	60.80	185.10	61.34	184.92	61.87	184.74	62.41	184.56	62.95	184.38	63.49
96	186.23	61.11	186.05	61.65	185.87	62.19	185.69	62.73	185.51	63.27	185.32	63.81
97	187.18	61.42	187.00	61.97	186.82	62.51	186.64	63.05	186.45	63.59	186.27	64.14
98	188.13	61.73	187.95	62.28	187.77	62.83	187.58	63.37	187.40	63.92	187.21	64.46
99	189.08	62.04	188.90	62.60	188.72	63.14	188.53	63.69	188.35	64.24	188.16	64.79
200	190.03	62.36	189.86	62.91	189.66	63.46	189.48	64.01	189.29	64.56	189.10	65.11
01	190.98	62.67	190.80	63.22	190.61	63.78	190.43	64.33	190.24	64.89	190.05	65.44
02	191.93	62.98	191.75	63.54	191.56	64.10	191.37	64.65	191.19	65.21	191.00	65.76
03	192.88	63.29	192.70	63.85	192.51	64.41	192.32	64.97	192.13	65.53	191.94	66.09
04	193.83	63.60	193.65	64.17	193.46	64.73	193.27	65.29	193.08	65.85	192.89	66.42
05	194.78	63.92	194.59	64.48	194.41	65.05	194.22	65.61	194.02	66.18	193.83	66.74
06	195.73	64.23	195.54	64.80	195.35	65.36	195.16	65.93	194.97	66.50	194.78	67.08
07	196.68	64.54	196.49	65.11	196.30	65.68	196.11	66.25	195.92	66.82	195.72	67.39
08	197.63	64.85	197.44	65.43	197.25	66.00	197.06	66.57	196.86	67.15	196.67	67.72
09	198.58	65.16	198.39	65.74	198.20	66.32	198.01	66.89	197.81	67.47	197.61	68.04
210	199.53	65.47	199.34	66.06	199.15	66.63	198.95	67.21	198.76	67.79	198.56	68.37
11	200.48	65.79	200.29	66.37	200.10	66.95	199.90	67.53	199.70	68.11	199.50	68.69
12	201.43	66.10	201.24	66.68	201.04	67.27	200.85	67.85	200.65	68.44	200.45	69.02
13	202.38	66.41	202.19	67.00	201.99	67.59	201.80	68.17	201.60	68.76	201.40	69.35
14	203.33	66.72	203.14	67.31	202.94	67.90	202.74	68.49	202.54	69.08	202.34	69.67
15	204.28	67.03	204.09	67.63	203.89	68.22	203.69	68.81	203.49	69.41	203.29	70.00
16	205.23	67.34	205.04	67.94	204.84	68.54	204.64	69.13	204.44	69.73	204.23	70.32
17	206.18	67.66	205.99	68.26	205.79	68.85	205.59	69.45	205.38	70.05	205.18	70.65
18	207.13	67.97	206.93	68.57	206.73	69.17	206.53	69.77	206.33	70.37	206.12	70.97
19	208.08	68.28	207.88	68.89	207.68	69.49	207.48	70.09	207.27	70.70	207.07	71.30
220	209.03	68.59	208.83	69.20	208.63	69.81	208.43	70.41	208.22	71.02	208.01	71.62
21	209.98	68.90	209.78	69.52	209.58	70.12	209.37	70.73	209.17	71.34	208.96	71.95
22	210.93	69.22	210.73	69.83	210.53	70.44	210.32	71.05	210.11	71.67	209.91	72.28
23	211.88	69.53	211.68	70.14	211.48	70.76	211.27	71.37	211.06	71.99	210.85	72.60
24	212.83	69.84	212.63	70.46	212.42	71.08	212.22	71.69	212.01	72.31	211.80	72.93
25	213.78	70.15	213.58	70.77	213.37	71.39	213.16	72.01	212.95	72.63	212.74	73.25
26	214.73	70.46	214.53	71.09	214.32	71.71	214.11	72.33	213.90	72.96	213.69	73.58
27	215.68	70.77	215.48	71.40	215.27	72.03	215.06	72.65	214.85	73.28	214.63	73.90
28	216.64	71.09	216.43	71.72	216.22	72.35	216.01	72.97	215.79	73.60	215.58	74.23
29	217.59	71.40	217.38	72.03	217.17	72.66	216.95	73.29	216.74	73.93	216.52	74.55
230	218.54	71.71	218.33	72.35	218.11	72.98	217.90	73.61	217.69	74.25	217.47	74.88
31	219.49	72.02	219.27	72.66	219.06	73.30	218.85	73.93	218.63	74.57	218.42	75.21
32	220.44	72.33	220.22	72.98	220.01	73.61	219.80	74.25	219.58	74.89	219.36	75.53
33	221.39	72.65	221.17	73.29	220.96	73.93	220.74	74.57	220.53	75.22	220.31	75.86
34	222.34	72.96	222.12	73.60	221.91	74.25	221.69	74.89	221.47	75.54	221.25	76.18
35	223.29	73.27	223.07	73.92	222.86	74.57	222.64	75.21	222.42	75.86	222.20	76.51
36	224.24	73.58	224.02	74.23	223.80	74.88	223.59	75.53	223.36	76.18	223.14	76.83
37	225.19	73.89	224.97	74.55	224.75	75.20	224.53	75.85	224.31	76.51	224.09	77.16
38	226.14	74.20	225.92	74.86	225.70	75.52	225.48	76.17	225.26	76.83	225.03	77.49
39	227.09	74.52	226.87	75.18	226.65	75.84	226.43	76.49	226.20	77.15	225.98	77.81
240	228.04	74.83	227.82	75.49	227.60	76.15	227.38	76.81	227.15	77.48	226.92	78.14

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Deg.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
241	228.99	75.14	228.77	75.81	228.55	76.47	228.32	77.13	228.10	77.80	227.87	78.46
42	229.94	75.45	229.72	76.12	229.49	76.79	229.27	77.45	229.04	78.12	228.82	78.79
43	230.89	75.76	230.67	76.44	230.44	77.10	230.22	77.77	229.99	78.44	229.76	79.11
44	231.84	76.07	231.61	76.75	231.39	77.42	231.17	78.09	230.94	78.77	230.71	79.44
45	232.79	76.39	232.56	77.06	232.34	77.74	232.11	78.41	231.88	79.09	231.65	79.76
46	233.74	76.70	233.51	77.38	233.29	78.06	233.06	78.74	232.83	79.41	232.60	80.09
47	234.69	77.01	234.46	77.69	234.24	78.37	234.01	79.06	233.78	79.74	233.54	80.42
48	235.64	77.32	235.41	78.01	235.18	78.69	234.95	79.38	234.72	80.06	234.49	80.74
49	236.59	77.63	236.36	78.32	236.13	79.01	235.90	79.70	235.67	80.38	235.43	81.07
250	237.54	77.95	237.31	78.64	237.08	79.33	236.85	80.03	236.62	80.70	236.38	81.39
51	238.49	78.26	238.26	78.95	238.03	79.64	237.80	80.34	237.56	81.03	237.33	81.72
52	239.44	78.57	239.21	79.27	238.98	79.96	238.74	80.66	238.51	81.35	238.27	82.04
53	240.39	78.88	240.16	79.58	239.93	80.28	239.69	80.98	239.45	81.67	239.22	82.37
54	241.34	79.19	241.11	79.90	240.87	80.60	240.64	81.30	240.40	82.00	240.16	82.69
55	242.29	79.50	242.06	80.21	241.82	80.91	241.59	81.62	241.35	82.32	241.11	83.02
56	243.24	79.82	243.01	80.53	242.77	81.23	242.53	81.94	242.29	82.64	242.05	83.35
57	244.19	80.13	243.95	80.84	243.72	81.55	243.48	82.26	243.24	82.96	243.00	83.67
58	245.14	80.44	244.90	81.15	244.67	81.86	244.43	82.58	244.19	83.29	243.94	84.00
59	246.09	80.75	245.85	81.47	245.62	82.18	245.38	82.90	245.13	83.61	244.89	84.32
260	247.04	81.06	246.80	81.78	246.56	82.50	246.32	83.22	246.08	83.93	245.84	84.65
61	247.99	81.38	247.75	82.10	247.51	82.82	247.27	83.54	247.03	84.26	246.78	84.97
62	248.94	81.69	248.70	82.41	248.46	83.13	248.22	83.86	247.97	84.58	247.73	85.30
63	249.89	82.00	249.65	82.73	249.41	83.45	249.17	84.18	248.92	84.90	248.67	85.62
64	250.84	82.31	250.60	83.04	250.36	83.77	250.11	84.50	249.87	85.22	249.62	85.95
65	251.79	82.62	251.55	83.36	251.31	84.09	251.06	84.82	250.81	85.55	250.56	86.28
66	252.74	82.93	252.50	83.67	252.25	84.40	252.01	85.14	251.76	85.87	251.51	86.60
67	253.69	83.25	253.45	83.99	253.20	84.72	252.96	85.46	252.71	86.19	252.45	86.93
68	254.64	83.56	254.40	84.30	254.15	85.04	253.90	85.78	253.65	86.51	253.40	87.25
69	255.59	83.87	255.35	84.61	255.10	85.35	254.85	86.10	254.60	86.84	254.34	87.58
270	256.54	84.18	256.30	84.93	256.05	85.67	255.80	86.42	255.54	87.16	255.29	87.90
71	257.49	84.49	257.24	85.24	257.00	85.99	256.74	86.74	256.49	87.48	256.24	88.23
72	258.44	84.80	258.19	85.56	257.94	86.31	257.69	87.06	257.44	87.81	257.18	88.55
73	259.39	85.12	259.14	85.87	258.89	86.62	258.64	87.38	258.38	88.13	258.13	88.88
74	260.34	85.43	260.09	86.19	259.84	86.94	259.59	87.70	259.33	88.45	259.07	89.21
75	261.29	85.74	261.04	86.50	260.79	87.26	260.53	88.02	260.28	88.77	260.02	89.53
76	262.24	86.05	261.99	86.82	261.74	87.58	261.48	88.34	261.22	89.10	260.96	89.86
77	263.19	86.36	262.94	87.13	262.69	87.89	262.43	88.66	262.17	89.42	261.91	90.18
78	264.14	86.68	263.89	87.45	263.63	88.21	263.38	88.98	263.12	89.74	262.85	90.51
79	265.09	86.99	264.84	87.76	264.58	88.53	264.32	89.30	264.06	90.07	263.80	90.83
280	266.04	87.30	265.79	88.07	265.53	88.85	265.27	89.62	265.01	90.39	264.75	91.16
81	266.99	87.61	266.74	88.39	266.48	89.16	266.22	89.94	265.96	90.71	265.69	91.48
82	267.94	87.92	267.69	88.70	267.43	89.48	267.17	90.26	266.90	91.03	266.64	91.81
83	268.89	88.23	268.64	89.02	268.38	89.80	268.11	90.58	267.85	91.36	267.58	92.14
84	269.84	88.55	269.58	89.33	269.32	90.11	269.06	90.90	268.79	91.68	268.53	92.46
85	270.79	88.86	270.53	89.65	270.27	90.43	270.01	91.22	269.74	92.00	269.47	92.79
86	271.74	89.17	271.48	89.96	271.22	90.75	270.96	91.54	270.69	92.33	270.42	93.11
87	272.69	89.48	272.43	90.28	272.17	91.07	271.90	91.86	271.63	92.65	271.36	93.44
88	273.64	89.79	273.38	90.59	273.12	91.38	272.85	92.18	272.58	92.97	272.31	93.76
89	274.59	90.10	274.33	90.91	274.07	91.70	273.80	92.50	273.53	93.29	273.26	94.09
290	275.54	90.42	275.28	91.22	275.01	92.02	274.75	92.82	274.47	93.62	274.20	94.41
91	276.49	90.73	276.23	91.53	275.96	92.33	275.69	93.14	275.42	93.94	275.15	94.74
92	277.44	91.04	277.18	91.85	276.91	92.65	276.64	93.46	276.37	94.26	276.09	95.07
93	278.40	91.35	278.13	92.16	277.86	92.97	277.59	93.78	277.31	94.59	277.04	95.39
94	279.35	91.66	279.08	92.48	278.81	93.29	278.54	94.10	278.26	94.91	277.98	95.72
95	280.30	91.98	280.03	92.79	279.76	93.60	279.48	94.42	279.21	95.23	278.93	96.04
96	281.25	92.29	280.98	93.11	280.70	93.92	280.43	94.74	280.15	95.55	279.87	96.37
97	282.20	92.60	281.92	93.42	281.65	94.24	281.38	95.06	281.10	95.88	280.82	96.69
98	283.15	92.91	282.87	93.73	282.60	94.56	282.32	95.38	282.05	96.20	281.76	97.02
99	284.10	93.22	283.82	94.05	283.55	94.87	283.27	95.70	282.99	96.52	282.71	97.34
300	285.05	93.53	284.77	94.36	284.50	95.19	284.22	96.02	283.94	96.85	283.66	97.67

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'		
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	
1	0.94	0.33	0.94	0.33	0.94	0.33	0.94	0.34	0.94	0.34	0.94	0.34	60
2	1.89	0.66	1.89	0.66	1.89	0.67	1.88	0.67	1.88	0.68	1.88	0.68	58
3	2.83	0.98	2.83	0.99	2.83	1.00	2.83	1.01	2.82	1.02	2.82	1.02	57
4	3.78	1.31	3.77	1.32	3.77	1.34	3.77	1.35	3.76	1.36	3.76	1.36	56
5	4.72	1.64	4.72	1.66	4.71	1.67	4.71	1.68	4.70	1.70	4.70	1.70	55
6	5.67	1.97	5.66	1.99	5.66	2.00	5.65	2.02	5.64	2.04	5.64	2.04	54
7	6.61	2.30	6.61	2.32	6.60	2.34	6.59	2.36	6.58	2.37	6.58	2.38	53
8	7.56	2.63	7.55	2.65	7.54	2.67	7.53	2.69	7.53	2.71	7.52	2.72	52
9	8.50	2.95	8.49	2.98	8.48	3.00	8.48	3.03	8.47	3.05	8.46	3.06	51
10	9.45	3.28	9.44	3.31	9.43	3.34	9.42	3.37	9.41	3.39	9.40	3.4	50
11	10.39	3.61	10.38	3.64	10.37	3.67	10.36	3.70	10.35	3.73	10.34	3.75	49
12	11.33	3.94	11.32	3.97	11.31	4.01	11.30	4.04	11.29	4.07	11.28	4.1	48
13	12.28	4.27	12.27	4.30	12.25	4.34	12.24	4.38	12.23	4.41	12.22	4.44	47
14	13.22	4.60	13.21	4.63	13.20	4.67	13.18	4.71	13.17	4.75	13.16	4.77	46
15	14.17	4.92	14.15	4.97	14.14	5.01	14.13	5.05	14.11	5.09	14.10	5.13	45
16	15.11	5.25	15.10	5.30	15.08	5.34	15.07	5.38	15.05	5.43	15.04	5.47	44
17	16.06	5.58	16.04	5.63	16.02	5.67	16.01	5.72	15.99	5.77	15.97	5.81	43
18	17.00	5.91	16.98	5.96	16.97	6.01	16.95	6.06	16.93	6.11	16.91	6.16	42
19	17.95	6.24	17.93	6.29	17.91	6.34	17.89	6.39	17.87	6.45	17.85	6.50	41
20	18.89	6.57	18.87	6.62	18.85	6.68	18.83	6.73	18.81	6.79	18.79	6.84	40
21	19.84	6.89	19.82	6.95	19.79	7.01	19.78	7.07	19.75	7.12	19.73	7.18	39
22	20.78	7.22	20.76	7.28	20.73	7.34	20.72	7.40	20.70	7.46	20.67	7.52	38
23	21.73	7.55	21.70	7.61	21.67	7.68	21.66	7.74	21.64	7.80	21.61	7.87	37
24	22.67	7.88	22.65	7.95	22.62	8.01	22.60	8.08	22.58	8.14	22.55	8.21	36
25	23.61	8.21	23.59	8.28	23.56	8.35	23.54	8.41	23.52	8.48	23.49	8.55	35
26	24.56	8.54	24.53	8.61	24.50	8.68	24.48	8.75	24.46	8.82	24.43	8.89	34
27	25.50	8.86	25.48	8.94	25.44	9.01	25.43	9.09	25.40	9.16	25.37	9.23	33
28	26.45	9.19	26.42	9.27	26.39	9.35	26.37	9.42	26.34	9.50	26.31	9.58	32
29	27.39	9.52	27.36	9.60	27.33	9.68	27.31	9.76	27.28	9.84	27.25	9.92	31
30	28.34	9.85	28.31	9.93	28.27	10.01	28.25	10.10	28.22	10.18	28.19	10.26	30
31	29.28	10.18	29.25	10.26	29.21	10.35	29.19	10.48	29.16	10.52	29.13	10.60	29
32	30.23	10.51	30.20	10.59	30.16	10.68	30.13	10.77	30.10	10.86	30.07	10.94	28
33	31.17	10.83	31.14	10.93	31.10	11.02	31.08	11.11	31.04	11.20	31.01	11.29	27
34	32.12	11.16	32.08	11.26	32.04	11.35	32.02	11.44	31.98	11.54	31.95	11.63	26
35	33.06	11.49	33.03	11.59	32.99	11.68	32.96	11.78	32.92	11.87	32.89	11.97	25
36	34.00	11.82	33.97	11.92	33.93	12.02	33.90	12.12	33.86	12.21	33.83	12.31	24
37	34.95	12.15	34.91	12.25	34.87	12.35	34.84	12.45	34.81	12.55	34.77	12.65	23
38	35.89	12.48	35.86	12.58	35.81	12.68	35.78	12.79	35.75	12.89	35.71	13.00	22
39	36.84	12.80	36.80	12.91	36.76	13.02	36.73	13.13	36.69	13.23	36.65	13.34	21
40	37.78	13.13	37.74	13.24	37.70	13.35	37.67	13.46	37.63	13.57	37.59	13.68	20
41	38.73	13.46	38.69	13.57	38.64	13.69	38.61	13.80	38.57	13.91	38.53	14.02	19
42	39.67	13.79	39.63	13.90	39.58	14.02	39.55	14.13	39.51	14.25	39.47	14.36	18
43	40.62	14.12	40.58	14.24	40.53	14.35	40.49	14.47	40.45	14.59	40.41	14.71	17
44	41.56	14.45	41.52	14.57	41.47	14.69	41.43	14.81	41.39	14.93	41.35	15.05	16
45	42.51	14.77	42.46	14.90	42.41	15.02	42.38	15.14	42.33	15.27	42.29	15.39	15
46	43.45	15.10	43.41	15.23	43.35	15.36	43.32	15.48	43.27	15.61	43.23	15.73	14
47	44.39	15.43	44.35	15.56	44.30	15.69	44.26	15.82	44.21	15.95	44.17	16.07	13
48	45.34	15.76	45.29	15.89	45.24	16.02	45.20	16.15	45.15	16.29	45.11	16.42	12
49	46.28	16.09	46.24	16.22	46.18	16.36	46.14	16.49	46.09	16.62	46.04	16.76	11
50	47.23	16.42	47.18	16.55	47.12	16.69	47.08	16.83	47.03	16.96	46.98	17.10	10
51	48.17	16.74	48.12	16.88	48.07	17.02	48.03	17.16	47.97	17.30	47.92	17.44	9
52	49.12	17.07	49.07	17.22	49.01	17.36	48.97	17.50	48.92	17.64	48.86	17.79	8
53	50.06	17.40	50.01	17.55	49.95	17.69	49.91	17.84	49.86	17.98	49.80	18.13	7
54	51.01	17.73	50.95	17.88	50.90	18.03	50.85	18 17	50.80	18.32	50.74	18.47	6
55	51.95	18.06	51.90	18.21	51.84	18.36	51.79	18.51	51.74	18.66	51.68	18.81	5
56	52.90	18.39	52.84	18.54	52.78	18.69	52.73	18.85	52.68	19.00	52.62	19.15	4
57	53.84	18.71	53.79	18.87	53.72	19.03	53.68	19.18	53.62	19.34	53.56	19.50	3
58	54.79	19.04	54.73	19.20	54.67	19.36	54.62	19.52	54.56	19.68	54.50	19.84	2
59	55.73	19.37	55.67	19.53	55.61	19.69	55.56	19.86	55.50	20.02	55.44	20.18	1
60	56.67	19.70	56.62	19.86	56.55	20.03	56.50	20.19	56.44	20.36	56.38	20.52	0
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	
	50'		40'		30'		20'		10'		0'		

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	172.94	53.42	172.78	53.93	172.62	54.43	172.46	54.93	172.30	55.43	172.14	55.93
82	173.89	53.72	173.73	54.22	173.57	54.73	173.42	55.23	173.26	55.74	173.09	56.24
83	174.85	54.01	174.69	54.52	174.53	55.03	174.37	55.54	174.21	56.04	174.04	56.55
84	175.80	54.31	175.64	54.82	175.48	55.33	175.32	55.84	175.16	56.35	174.99	56.86
85	176.76	54.60	176.60	55.12	176.44	55.63	176.27	56.14	176.11	56.66	175.95	57.17
86	177.71	54.90	177.55	55.42	177.39	55.93	177.23	56.45	177.06	56.96	176.90	57.48
87	178.67	55.19	178.51	55.71	178.34	56.23	178.18	56.75	178.02	57.27	177.85	57.79
88	179.62	55.49	179.46	56.01	179.30	56.53	179.13	57.05	178.97	57.57	178.80	58.10
89	180.58	55.76	180.42	56.31	180.25	56.83	180.09	57.36	179.92	57.88	179.75	58.40
190	181.54	56.08	181.37	56.61	181.21	57.13	181.04	57.66	180.87	58.19	180.70	58.71
91	182.49	56.37	182.33	56.91	182.16	57.43	181.99	57.96	181.82	58.49	181.65	59.02
92	183.45	56.67	183.28	57.20	183.11	57.74	182.94	58.27	182.77	58.80	182.60	59.33
93	184.40	56.96	184.24	57.50	184.07	58.04	183.90	58.57	183.73	59.11	183.55	59.64
94	185.36	57.26	185.19	57.80	185.02	58.34	184.85	58.87	184.68	59.41	184.51	59.95
95	186.31	57.55	186.14	58.10	185.97	58.64	185.80	59.18	185.63	59.72	185.46	60.25
96	187.27	57.85	187.10	58.39	186.93	58.94	186.76	59.48	186.58	60.02	186.41	60.57
97	188.22	58.14	188.05	58.69	187.88	59.24	187.71	59.79	187.53	60.33	187.36	60.88
98	189.18	58.44	189.01	58.99	188.84	59.54	188.66	60.09	188.49	60.64	188.31	61.19
99	190.13	58.74	189.96	59.29	189.79	59.84	189.61	60.39	189.44	60.94	189.26	61.49
200	191.09	59.03	190.92	59.59	190.74	60.14	190.57	60.70	190.39	61.25	190.21	61.80
01	192.05	59.33	191.87	59.88	191.70	60.44	191.52	61.00	191.34	61.56	191.16	62.11
02	193.00	59.62	192.83	60.18	192.65	60.74	192.47	61.30	192.29	61.86	192.11	62.42
03	193.96	59.92	193.78	60.48	193.60	61.04	193.43	61.61	193.25	62.17	193.06	62.73
04	194.91	60.21	194.74	60.78	194.56	61.34	194.38	61.91	194.20	62.47	194.02	63.04
05	195.87	60.51	195.69	61.08	195.51	61.64	195.33	62.21	195.15	62.78	194.97	63.35
06	196.82	60.80	196.64	61.37	196.47	61.95	196.28	62.52	196.10	63.09	195.92	63.66
07	197.78	61.10	197.60	61.67	197.42	62.25	197.24	62.82	197.05	63.39	196.87	63.97
08	198.73	61.39	198.55	61.97	198.37	62.55	198.19	63.12	198.01	63.70	197.82	64.28
09	199.69	61.69	199.51	62.27	199.33	62.85	199.14	63.43	198.96	64.01	198.77	64.59
210	200.64	61.98	200.46	62.57	200.28	63.15	200.10	63.73	199.91	64.31	199.72	64.89
11	201.60	62.28	201.42	62.86	201.23	63.45	201.05	64.03	200.86	64.62	200.67	65.20
12	202.56	62.57	202.37	63.16	202.19	63.75	202.00	64.34	201.81	64.92	201.62	65.51
13	203.51	62.87	203.33	63.46	203.14	64.05	202.95	64.64	202.77	65.23	202.58	65.82
14	204.47	63.16	204.28	63.76	204.10	64.35	203.91	64.94	203.72	65.54	203.53	66.13
15	205.42	63.46	205.24	64.06	205.05	64.65	204.86	65.25	204.67	65.84	204.48	66.44
16	206.38	63.75	206.19	64.35	206.00	64.95	205.81	65.55	205.62	66.15	205.43	66.75
17	207.33	64.05	207.15	64.65	206.96	65.25	206.77	65.85	206.57	66.46	206.38	67.06
18	208.29	64.34	208.10	64.95	207.91	65.55	207.72	66.16	207.53	66.76	207.33	67.37
19	209.24	64.64	209.05	65.25	208.86	65.85	208.67	66.46	208.48	67.07	208.28	67.67
220	210.20	64.93	210.01	65.55	209.82	66.16	209.62	66.77	209.43	67.37	209.23	67.98
21	211.15	65.23	210.96	65.84	210.77	66.46	210.58	67.07	210.38	67.68	210.18	68.29
22	212.11	65.5	211.92	66.14	211.72	66.76	211.53	67.37	211.33	67.95	211.13	68.60
23	213.07	65.82	212.87	66.44	212.68	67.06	212.48	67.68	212.29	68.29	212.09	68.91
24	214.02	66,11	213.83	66.74	213.63	67.36	213.44	67.98	213.24	68.60	213.04	69.22
25	214.98	66,41	214.78	67.03	214.59	67.66	214.39	68.28	214.19	68.91	213.93	69.53
26	215.93	66,70	215,74	67.33	215.54	67.96	215.34	68.59	215.14	69.21	214.94	69.84
27	216.89	67,00	216,69	67,63	216.49	68.26	216.29	68.89	216.09	69.52	215.89	70.15
28	217.84	67.29	217.65	67,93	217.45	68.56	217.25	69.19	217.05	69.82	216.84	70.46
29	218.80	67.59	218.60	68.23	218.40	68.86	218.20	69.50	218.00	70.13	217.79	70.76
230	219.75	67.88	219.56	68,52	219.35	69.16	219.15	69.80	218.95	70.44	218.74	71.07
31	220.71	68.18	220.51	68.82	220.31	69.46	220.11	70.10	219.90	70.74	219.69	71.38
32	221.66	68.48	221.46	69.12	221.26	69.76	221.06	70.41	220.85	71.05	220.65	71.69
33	222.62	68.77	222.42	69.42	222.22	70.06	222.01	70.71	221.80	71.36	221.60	72.00
34	223.58	69.07	223.37	69.72	223.17	70.37	222.96	71.01	222.76	71.66	222.55	72.31
35	224.53	69.36	224.33	70.01	224.12	70.67	223.92	71.32	223.71	71.97	223.50	72.62
36	225.49	69.66	225.28	70.31	225.08	70.97	224.87	71.62	224.66	72.27	224.45	72.93
37	226.44	69.96	226.24	70.61	226.03	71.27	225.82	71.92	225.61	72.58	225.40	73.24
38	227.40	70.25	227.19	70.91	226.98	71.57	226.78	72.23	226.56	72.89	226.35	73.55
39	228.35	70.54	228.15	71.21	227.94	71.87	227.73	72.53	227.52	73.19	227.30	73.86
240	229.31	70.84	229.10	71.50	228.89	72.17	228.68	72.83	228.47	73.50	228.25	74.16

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10'	D.	L. 0'

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	230.26	71.13	230.06	71.80	229.85	72.47	229.63	73.14	229.42	73.81	229.20	74.47
42	231.22	71.43	231.01	72.10	230.80	72.77	230.59	73.44	230.37	74.11	230.16	74.78
43	232.17	71.72	231.96	72.40	231.75	73.07	231.54	73.75	231.32	74.42	231.11	75.09
44	233.13	72.02	232.92	72.70	232.71	73.37	232.49	74.05	232.28	74.72	232.06	75.40
45	234.09	72.31	233.87	72.99	233.66	73.67	233.45	74.35	233.23	75.03	233.01	75.71
46	235.04	72.61	234.83	73.29	234.61	73.97	234.40	74.66	234.18	75.34	233.96	76.02
47	236.00	72.90	235.78	73.59	235.57	74.27	235.35	74.96	235.13	75.64	234.91	76.33
48	236.95	73.20	236.74	73.89	236.52	74.58	236.30	75.26	236.08	75.95	235.86	76.64
49	237.91	73.49	237.69	74.19	237.48	74.88	237.26	75.57	237.04	76.26	236.81	76.95
250	238.86	73.79	238.65	74.48	238.43	75.18	238.21	75.87	237.99	76.56	237.76	77.25
51	239.82	74.08	239.60	74.78	239.38	75.48	239.16	76.17	238.94	76.87	238.72	77.56
52	240.77	74.38	240.56	75.08	240.34	75.78	240.11	76.48	239.89	77.17	239.67	77.87
53	241.73	74.67	241.51	75.38	241.29	76.08	241.07	76.78	240.84	77.48	240.62	78.18
54	242.68	74.97	242.47	75.68	242.24	76.38	242.02	77.08	241.80	77.79	241.57	78.49
55	243.64	75.26	243.42	75.97	243.20	76.68	242.97	77.39	242.75	78.09	242.52	78.80
56	244.60	75.56	244.37	76.27	244.15	76.98	243.93	77.69	243.70	78.40	243.47	79.11
57	245.55	75.85	245.33	76.57	245.10	77.28	244.88	77.99	244.65	78.71	244.42	79.42
58	246.51	76.15	246.28	76.87	246.06	77.58	245.83	78.30	245.60	79.01	245.37	79.73
59	247.46	76.44	247.24	77.16	247.01	77.88	246.78	78.60	246.56	79.32	246.32	80.04
260	248.42	76.74	248.19	77.46	247.97	78.18	247.74	78.90	247.51	79.62	247.27	80.34
61	249.37	77.03	249.15	77.76	248.92	78.48	248.69	79.21	248.46	79.93	248.23	80.65
62	250.33	77.33	250.10	78.06	249.87	78.78	249.64	79.51	249.41	80.24	249.18	80.96
63	251.28	77.62	251.06	78.36	250.83	79.09	250.60	79.81	250.36	80.54	250.13	81.27
64	252.24	77.92	252.01	78.65	251.78	79.39	251.55	80.12	251.32	80.85	251.08	81.58
65	253.19	78.22	252.97	78.95	252.73	79.69	252.50	80.42	252.27	81.16	252.03	81.89
66	254.15	78.51	253.92	79.25	253.69	79.99	253.45	80.73	253.22	81.46	252.98	82.20
67	255.11	78.81	254.87	79.55	254.64	80.29	254.41	81.03	254.17	81.77	253.93	82.51
68	256.06	79.10	255.83	79.85	255.60	80.59	255.36	81.33	255.12	82.07	254.88	82.82
69	257.02	79.40	256.78	80.14	256.55	80.89	256.31	81.64	256.08	82.38	255.83	83.13
270	257.97	79.69	257.74	80.44	257.50	81.19	257.27	81.94	257.03	82.69	256.79	83.43
71	258.93	79.99	258.69	80.74	258.46	81.49	258.22	82.24	257.98	82.99	257.74	83.74
72	259.88	80.28	259.65	81.04	259.41	81.79	259.17	82.55	258.93	83.30	258.69	84.05
73	260.84	80.58	260.60	81.34	260.36	82.09	260.12	82.85	259.88	83.61	259.64	84.36
74	261.79	80.87	261.56	81.63	261.32	82.39	261.08	83.15	260.83	83.91	260.59	84.67
75	262.75	81.17	262.51	81.93	262.27	82.69	262.03	83.46	261.79	84.22	261.54	84.98
76	263.70	81.46	263.47	82.23	263.23	82.99	262.98	83.76	262.74	84.52	262.49	85.29
77	264.66	81.76	264.42	82.53	264.18	83.29	263.94	84.06	263.69	84.83	263.44	85.60
78	265.62	82.05	265.38	82.83	265.13	83.60	264.89	84.37	264.64	85.14	264.39	85.91
79	266.57	82.35	266.33	83.12	266.09	83.90	265.84	84.67	265.59	85.44	265.34	86.22
280	267.53	82.64	267.28	83.42	267.04	84.20	266.79	84.97	266.55	85.75	266.30	86.52
81	268.48	82.94	268.24	83.72	267.99	84.50	267.75	85.28	267.50	86.06	267.25	86.83
82	269.44	83.23	269.19	84.02	268.95	84.80	268.70	85.58	268.45	86.36	268.20	87.14
83	270.39	83.53	270.15	84.31	279.90	85.10	269.65	85.88	269.40	86.67	269.15	87.45
84	271.35	83.82	271.10	84.61	270.86	85.40	270.61	86.19	270.35	86.97	270.10	87.76
85	272.30	84.12	272.06	84.91	271.81	85.70	271.56	86.49	271.31	87.28	271.05	88.07
86	273.26	84.41	273.01	85.21	272.76	86.00	272.51	86.79	272.26	87.59	272.00	88.38
87	274.21	84.71	273.97	85.51	273.72	86.30	273.46	87.10	273.21	87.89	272.95	88.69
88	275.17	85.00	274.92	85.80	274.67	86.60	274.42	87.40	274.16	88.20	273.90	89.00
89	276.13	85.30	275.88	86.10	275.62	86.90	275.37	87.71	275.11	88.51	274.86	89.31
290	277.08	85.59	276.83	86.40	276.58	87.20	276.32	88.01	276.07	88.81	275.81	89.61
91	278.04	85.89	277.78	86.70	277.53	87.50	277.28	88.31	277.02	89.12	276.76	89.92
92	278.99	86.18	278.74	87.00	278.48	87.80	278.23	88.62	277.97	89.42	277.71	90.23
93	279.95	86.48	279.69	87.29	279.43	88.11	279.18	88.92	278.92	89.73	278.66	90.54
94	280.90	86.77	280.65	87.59	280.39	88.41	280.13	89.22	279.87	90.04	279.61	90.85
95	281.86	87.07	281.60	87.89	281.35	88.71	281.09	89.53	280.83	90.34	280.56	91.16
96	282.81	87.36	282.56	88.19	282.30	89.01	282.04	89.83	281.78	90.65	281.51	91.47
97	283.77	87.66	283.51	88.49	283.25	89.31	282.99	90.13	282.73	90.96	282.46	91.78
98	284.72	87.96	284.47	88.78	284.21	89.61	283.95	90.44	283.68	91.26	283.41	92.09
99	285.68	88.25	285.42	89.08	285.16	89.91	284.90	90.74	284.63	91.57	284.37	92.40
300	286.64	88.55	286.38	89.38	286.11	90.21	285.85	91.04	285.59	91.87	285.32	92.71
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Min.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.95	0.31	0.95	0.31	0.95	0.32	0.95	0.32	0.95	0.32	0.95	0.33
2	1.90	0.62	1.90	0.63	1.90	0.63	1.89	0.64	1.89	0.65	1.89	0.65
3	2.85	0.94	2.85	0.94	2.84	0.95	2.84	0.96	2.84	0.97	2.84	0.98
4	3.80	1.25	3.80	1.26	3.79	1.27	3.79	1.28	3.79	1.29	3.78	1.30
5	4.75	1.56	4.75	1.57	4.74	1.59	4.74	1.60	4.73	1.61	4.73	1.63
6	5.70	1.87	5.70	1.89	5.69	1.90	5.68	1.92	5.68	1.94	5.67	1.95
7	6.65	2.18	6.64	2.20	6.64	2.22	6.63	2.24	6.63	2.26	6.62	2.28
8	7.60	2.49	7.59	2.52	7.59	2.54	7.58	2.56	7.57	2.58	7.56	2.60
9	8.55	2.81	8.54	2.83	8.53	2.86	8.53	2.88	8.52	2.91	8.51	2.93
10	9.50	3.12	9.49	3.15	9.48	3.17	9.47	3.20	9.46	3.23	9.46	3.26
11	10.45	3.43	10.44	3.46	10.43	3.49	10.42	3.52	10.41	3.55	10.40	3.58
12	11.40	3.74	11.39	3.77	11.38	3.81	11.37	3.84	11.36	3.87	11.35	3.91
13	12.35	4.05	12.34	4.09	12.33	4.12	12.32	4.16	12.30	4.20	12.29	4.23
14	13.30	4.36	13.29	4.40	13.28	4.44	13.26	4.48	13.25	4.52	13.24	4.56
15	14.25	4.68	14.24	4.72	14.22	4.76	14.21	4.80	14.20	4.84	14.18	4.88
16	15.20	4.99	15.19	5.03	15.17	5.08	15.16	5.12	15.14	5.17	15.13	5.21
17	16.15	5.30	16.14	5.35	16.12	5.39	16.11	5.44	16.09	5.49	16.07	5.53
18	17.10	5.61	17.09	5.66	17.07	5.71	17.05	5.76	17.04	5.81	17.02	5.86
19	18.05	5.92	18.04	5.98	18.02	6.03	18.00	6.08	17.98	6.13	17.96	6.19
20	19.00	6.24	18.98	6.29	18.97	6.35	18.95	6.40	18.93	6.46	18.91	6.51
21	19.95	6.55	19.93	6.61	19.91	6.66	19.90	6.72	19.88	6.78	19.86	6.84
22	20.90	6.86	20.88	6.92	20.86	6.98	20.84	7.04	20.82	7.10	20.80	7.16
23	21.85	7.17	21.83	7.23	21.81	7.30	21.79	7.36	21.77	7.42	21.75	7.49
24	22.80	7.48	22.78	7.55	22.76	7.62	22.74	7.68	22.72	7.75	22.69	7.81
25	23.75	7.79	23.73	7.85	23.71	7.93	23.68	8.00	23.66	8.07	23.64	8.14
26	24.70	8.11	24.68	8.18	24.66	8.25	24.63	8.32	24.61	8.39	24.58	8.46
27	25.65	8.42	25.63	8.49	25.60	8.57	25.58	8.64	25.55	8.72	25.53	8.79
28	26.60	8.73	26.58	8.81	26.55	8.88	26.53	8.96	26.50	9.04	26.47	9.12
29	27.55	9.04	27.53	9.12	27.50	9.20	27.47	9.28	27.45	9.36	27.42	9.44
30	28.50	9.35	28.48	9.44	28.45	9.52	28.42	9.60	28.39	9.68	28.37	9.77
31	29.45	9.67	29.43	9.75	29.40	9.84	29.37	9.92	29.34	10.01	29.31	10.09
32	30.40	9.98	30.38	10.07	30.35	10.15	30.32	10.24	30.29	10.33	30.26	10.42
33	31.36	10.29	31.32	10.38	31.29	10.47	31.26	10.56	31.23	10.65	31.20	10.74
34	32.31	10.60	32.27	10.69	32.24	10.79	32.21	10.88	32.18	10.98	32.15	11.07
35	33.26	10.91	33.22	11.01	33.19	11.11	33.16	11.20	33.13	11.30	33.09	11.39
36	34.21	11.22	34.17	11.32	34.14	11.42	34.11	11.52	34.07	11.62	34.04	11.72
37	35.16	11.54	35.12	11.64	35.09	11.74	35.05	11.84	35.02	11.94	34.98	12.05
38	36.11	11.85	36.07	11.95	36.04	12.06	36.00	12.16	35.97	12.27	35.93	12.37
39	37.06	12.16	37.02	12.27	36.98	12.37	36.95	12.48	36.91	12.59	36.87	12.70
40	38.01	12.47	37.97	12.58	37.93	12.69	37.90	12.80	37.86	12.91	37.82	13.02
41	38.96	12.78	38.92	12.90	38.88	13.01	38.84	13.12	38.80	13.24	38.77	13.35
42	39.91	13.09	39.87	13.21	39.83	13.33	39.79	13.44	39.75	13.56	39.71	13.67
43	40.86	13.41	40.82	13.53	40.78	13.64	40.74	13.76	40.70	13.88	40.66	14.00
44	41.81	13.72	41.77	13.84	41.73	13.96	41.69	14.08	41.64	14.20	41.60	14.32
45	42.76	14.03	42.72	14.15	42.67	14.28	42.63	14.40	42.59	14.53	42.55	14.65
46	43.71	14.34	43.67	14.47	43.62	14.60	43.58	14.72	43.54	14.85	43.49	14.98
47	44.66	14.65	44.61	14.78	44.57	14.91	44.53	15.04	44.48	15.17	44.44	15.30
48	45.61	14.97	45.56	15.10	45.52	15.23	45.48	15.36	45.43	15.50	45.38	15.63
49	46.56	15.28	46.51	15.41	46.47	15.55	46.42	15.68	46.38	15.82	46.33	15.95
50	47.51	15.59	47.46	15.73	47.42	15.87	47.37	16.00	47.32	16.14	47.28	16.28
51	48.46	15.90	48.41	16.04	48.36	16.18	48.32	16.32	48.27	16.46	48.22	16.60
52	49.41	16.21	49.36	16.36	49.31	16.50	49.27	16.64	49.22	16.79	49.17	16.93
53	50.36	16.52	50.31	16.67	50.26	16.82	50.21	16.96	50.16	17.11	50.11	17.26
54	51.31	16.84	51.26	16.99	51.21	17.13	51.16	17.28	51.11	17.43	51.06	17.58
55	52.26	17.15	52.21	17.30	52.16	17.45	52.11	17.60	52.06	17.75	52.00	17.91
56	53.21	17.46	53.16	17.61	53.11	17.77	53.05	17.92	53.00	18.08	52.95	18.23
57	54.16	17.77	54.11	17.93	54.05	18.09	54.00	18.24	53.95	18.40	53.89	18.56
58	55.11	18.08	55.06	18.24	55.00	18.40	54.95	18.56	54.89	18.72	54.84	18.88
59	56.06	18.40	56.01	18.56	55.95	18.72	55.90	18.88	55.84	19.05	55.79	19.21
60	57.01	18.71	56.95	18.87	56.90	19.04	56.84	19.20	56.79	19.37	56.73	19.53

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	57.96	19.02	57.90	19.19	57.85	19.36	57.79	19.52	57.73	19.69	57.68	19.86
62	58.91	19.33	58.85	19.50	58.80	19.67	58.74	19.84	58.68	20.01	58.62	20.19
63	59.86	19.64	59.80	19.82	59.74	19.99	59.69	20.16	59.63	20.34	59.57	20.51
64	60.81	19.95	60.75	20.13	60.69	20.31	60.63	20.48	60.57	20.66	60.51	20.84
65	61.76	20.27	61.70	20.45	61.64	20.62	61.58	20.80	61.52	20.98	61.46	21.16
66	62.71	20.58	62.65	20.76	62.59	20.94	62.53	21.12	62.47	21.31	62.40	21.49
67	63.66	20.89	63.60	21.07	63.54	21.26	63.48	21.44	63.41	21.63	63.35	21.81
68	64.61	21.20	64.55	21.39	64.49	21.58	64.42	21.76	64.36	21.95	64.30	22.14
69	65.56	21.51	65.50	21.70	65.43	21.89	65.37	22.08	65.31	22.27	65.24	22.46
70	66.51	21.82	66.45	22.02	66.38	22.21	66.32	22.40	66.25	22.60	66.19	22.79
71	67.46	22.14	67.40	22.33	67.33	22.53	67.27	22.72	67.20	22.92	67.13	23.12
72	68.41	22.45	68.35	22.65	68.28	22.85	68.21	23.04	68.15	23.24	68.08	23.44
73	69.36	22.76	69.29	22.96	69.23	23.16	69.16	23.36	69.09	23.57	69.02	23.77
74	70.31	23.07	70.24	23.28	70.18	23.48	70.11	23.68	70.04	23.89	69.97	24.09
75	71.26	23.38	71.19	23.59	71.12	23.80	71.05	24.00	70.98	24.21	70.91	24.42
76	72.21	23.70	72.14	23.91	72.07	24.12	72.00	24.32	71.93	24.53	71.86	24.74
77	73.16	24.01	73.09	24.22	73.02	24.43	72.95	24.64	72.88	24.86	72.81	25.07
78	74.11	24.32	74.04	24.53	73.97	24.73	73.90	24.96	73.82	25.18	73.75	25.39
79	75.06	24.63	74.99	24.85	74.92	25.07	74.84	25.28	74.77	25.50	74.70	25.72
80	76.01	24.94	75.94	25.16	75.87	25.38	75.79	25.60	75.72	25.83	75.64	26.05
81	76.96	25.25	76.89	25.48	76.81	25.70	76.74	25.92	76.66	26.15	76.59	26.37
82	77.91	25.57	77.84	25.79	77.76	26.02	77.69	26.25	77.61	26.47	77.53	26.70
83	78.86	25.88	78.79	26.11	78.71	26.34	78.63	26.57	78.56	26.79	78.48	27.02
84	79.81	26.19	79.74	26.42	79.66	26.65	79.58	26.89	79.50	27.12	79.42	27.35
85	80.76	26.50	80.69	26.74	80.61	26.97	80.53	27.21	80.45	27.44	80.37	27.67
86	81.71	26.81	81.63	27.05	81.56	27.29	81.48	27.53	81.40	27.76	81.31	28.00
87	82.66	27.13	82.58	27.37	82.50	27.61	82.42	27.85	82.34	28.09	82.26	28.32
88	83.61	27.44	83.53	27.68	83.45	27.92	83.37	28.17	83.29	28.41	83.21	28.65
89	84.56	27.75	84.48	28.00	84.40	28.24	84.32	28.49	84.24	28.73	84.15	28.98
90	85.51	28.06	85.43	28.31	85.35	28.56	85.27	28.81	85.18	29.05	85.10	29.30
91	86.46	28.37	86.38	28.62	86.30	28.87	86.21	29.13	86.13	29.38	86.04	29.63
92	87.41	28.68	87.33	28.94	87.25	29.19	87.16	29.45	87.07	29.70	86.99	29.95
93	88.36	29.00	88.28	29.25	88.19	29.51	88.11	29.77	88.02	30.02	87.93	30.28
94	89.31	29.31	89.23	29.57	89.14	29.83	89.06	30.09	88.97	30.34	88.88	30.60
95	90.26	29.62	90.18	29.88	90.09	30.14	90.00	30.41	89.91	30.67	89.82	30.93
96	91.21	29.93	91.13	30.20	91.04	30.46	90.95	30.73	90.86	30.99	90.77	31.25
97	92.16	30.24	92.08	30.51	91.99	30.78	91.90	31.05	91.81	31.31	91.72	31.58
98	93.11	30.55	93.03	30.83	92.94	31.10	92.85	31.37	92.75	31.64	92.66	31.91
99	94.07	30.87	93.97	31.14	93.88	31.41	93.79	31.69	93.70	31.96	93.61	32.23
100	95.02	31.18	94.92	31.46	94.83	31.73	94.74	32.01	94.65	32.28	94.55	32.56
01	95.97	31.49	95.87	31.77	95.78	32.05	95.69	32.33	95.59	32.60	95.50	32.88
02	96.92	31.80	96.82	32.08	96.73	32.37	96.63	32.65	96.54	32.93	96.44	33.21
03	97.87	32.11	97.77	32.40	97.68	32.68	97.58	32.97	97.49	33.25	97.39	33.53
04	98.82	32.43	98.72	32.71	98.63	33.00	98.53	33.29	98.43	33.57	98.33	33.86
05	99.77	32.74	99.67	33.03	99.57	33.32	99.48	33.61	99.38	33.90	99.28	34.18
06	100.72	33.05	100.62	33.34	100.52	33.63	100.42	33.93	100.32	34.22	100.23	34.51
07	101.67	33.36	101.57	33.66	101.47	33.95	101.37	34.25	101.27	34.54	101.17	34.84
08	102.62	33.67	102.52	33.97	102.42	34.27	102.32	34.57	102.22	34.86	102.12	35.16
09	103.57	33.98	103.47	34.29	103.37	34.59	103.27	34.89	103.16	35.19	103.06	35.49
10	104.52	34.30	104.42	34.60	104.32	34.90	104.21	35.21	104.11	35.51	104.01	35.81
11	105.47	34.61	105.37	34.92	105.26	35.22	105.16	35.53	105.06	35.83	104.95	36.14
12	106.42	34.92	106.31	35.23	106.21	35.54	106.11	35.85	106.00	36.16	105.90	36.46
13	107.37	35.23	107.26	35.54	107.16	35.86	107.06	36.17	106.95	36.48	106.84	36.79
14	108.32	35.54	108.21	35.86	108.11	36.17	108.00	36.49	107.90	36.80	107.79	37.11
15	109.27	35.85	109.16	36.17	109.06	36.49	108.95	36.81	108.84	37.12	108.73	37.44
16	110.22	36.17	110.11	36.49	110.01	36.81	109.90	37.13	109.79	37.45	109.68	37.77
17	111.17	36.48	111.06	36.80	110.95	37.12	110.85	37.45	110.74	37.77	110.63	38.09
18	112.12	36.79	112.01	37.12	111.90	37.44	111.79	37.77	111.68	38.09	111.57	38.42
19	113.07	37.10	112.96	37.43	112.85	37.76	112.74	38.09	112.63	38.42	112.52	38.74
20	114.02	37.41	113.91	37.75	113.80	38.08	113.69	38.41	113.58	38.74	113.46	39.07

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Pro.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.94	0.34	0.94	0.35	0.94	0.35	0.94	0.35	0.93	0.36	0.93	0.36
2	1.88	0.69	1.88	0.69	1.87	0.70	1.87	0.71	1.87	0.71	1.87	0.72
3	2.82	1.03	2.81	1.04	2.81	1.05	2.81	1.06	2.80	1.07	2.80	1.08
4	3.76	1.38	3.75	1.39	3.75	1.40	3.74	1.41	3.74	1.42	3.73	1.43
5	4.69	1.72	4.69	1.74	4.68	1.75	4.68	1.76	4.67	1.78	4.67	1.79
6	5.63	2.07	5.63	2.08	5.62	2.10	5.61	2.12	5.61	2.13	5.60	2.15
7	6.57	2.41	6.56	2.43	6.56	2.45	6.55	2.47	6.54	2.49	6.54	2.51
8	7.51	2.76	7.50	2.78	7.49	2.80	7.49	2.82	7.48	2.85	7.47	2.87
9	8.45	3.10	8.44	3.13	8.43	3.15	8.42	3.18	8.41	3.20	8.40	3.23
10	9.39	3.45	9.38	3.47	9.37	3.50	9.36	3.53	9.35	3.56	9.34	3.58
11	10.33	3.79	10.31	3.82	10.30	3.85	10.29	3.88	10.28	3.91	10.27	3.94
12	11.26	4.14	11.25	4.17	11.24	4.20	11.23	4.24	11.22	4.27	11.20	4.30
13	12.20	4.48	12.19	4.52	12.18	4.55	12.16	4.59	12.15	4.62	12.14	4.66
14	13.14	4.83	13.13	4.86	13.11	4.90	13.10	4.94	13.08	4.98	13.07	5.02
15	14.08	5.17	14.07	5.21	14.05	5.25	14.03	5.29	14.02	5.33	14.00	5.38
16	15.02	5.52	15.00	5.56	14.99	5.60	14.97	5.65	14.95	5.69	14.94	5.73
17	15.96	5.86	15.94	5.91	15.92	5.95	15.91	6.00	15.89	6.05	15.87	6.09
18	16.90	6.21	16.88	6.25	16.86	6.30	16.84	6.35	16.82	6.40	16.80	6.45
19	17.84	6.55	17.82	6.60	17.80	6.65	17.78	6.71	17.76	6.76	17.74	6.81
20	18.77	6.90	18.75	6.95	18.73	7.00	18.71	7.06	18.69	7.11	18.67	7.17
21	19.71	7.24	19.69	7.30	19.67	7.35	19.65	7.41	19.63	7.47	19.61	7.53
22	20.65	7.58	20.63	7.64	20.61	7.70	20.58	7.76	20.56	7.82	20.54	7.88
23	21.59	7.93	21.57	7.99	21.54	8.05	21.52	8.12	21.50	8.18	21.47	8.24
24	22.53	8.27	22.50	8.34	22.48	8.40	22.46	8.47	22.43	8.54	22.41	8.60
25	23.47	8.62	23.44	8.69	23.42	8.76	23.39	8.82	23.37	8.89	23.34	8.96
26	24.41	8.96	24.38	9.03	24.35	9.11	24.33	9.18	24.30	9.25	24.27	9.32
27	25.35	9.31	25.32	9.38	25.29	9.46	25.26	9.53	25.23	9.60	25.21	9.68
28	26.28	9.65	26.26	9.73	26.23	9.81	26.20	9.88	26.17	9.96	26.14	10.03
29	27.22	10.00	27.19	10.08	27.16	10.16	27.13	10.23	27.10	10.31	27.07	10.39
30	28.16	10.34	28.13	10.42	28.10	10.51	28.07	10.59	28.04	10.67	28.01	10.75
31	29.10	10.69	29.07	10.77	29.04	10.86	29.01	10.94	28.97	11.03	28.94	11.11
32	30.04	11.03	30.01	11.12	29.97	11.21	29.94	11.30	29.91	11.38	29.87	11.47
33	30.98	11.38	30.94	11.47	30.91	11.56	30.88	11.65	30.84	11.74	30.81	11.83
34	31.92	11.72	31.88	11.81	31.85	11.91	31.81	12.00	31.78	12.09	31.74	12.18
35	32.86	12.07	32.82	12.16	32.78	12.26	32.75	12.35	32.71	12.45	32.68	12.54
36	33.79	12.41	33.76	12.51	33.72	12.61	33.68	12.71	33.65	12.80	33.61	12.90
37	34.73	12.76	34.69	12.86	34.66	12.96	34.62	13.06	34.58	13.16	34.54	13.26
38	35.67	13.10	35.63	13.20	35.59	13.31	35.55	13.41	35.52	13.51	35.48	13.62
39	36.61	13.45	36.57	13.55	36.53	13.66	36.49	13.76	36.45	13.87	36.41	13.98
40	37.55	13.79	37.51	13.90	37.47	14.01	37.43	14.12	37.38	14.23	37.34	14.33
41	38.49	14.13	38.45	14.25	38.40	14.36	38.36	14.47	38.32	14.58	38.28	14.69
42	39.43	14.48	39.38	14.59	39.34	14.71	39.30	14.82	39.25	14.94	39.21	15.05
43	40.36	14.82	40.32	14.94	40.28	15.06	40.23	15.18	40.19	15.29	40.14	15.41
44	41.30	15.17	41.26	15.29	41.21	15.41	41.17	15.53	41.12	15.65	41.08	15.77
45	42.24	15.51	42.20	15.64	42.15	15.76	42.10	15.88	42.06	16.00	42.01	16.13
46	43.18	15.86	43.13	15.98	43.09	16.11	43.04	16.23	42.99	16.36	42.94	16.48
47	44.12	16.20	44.07	16.33	44.02	16.46	43.98	16.59	43.93	16.72	43.88	16.84
48	45.06	16.55	45.01	16.68	44.96	16.81	44.91	16.94	44.86	17.07	44.81	17.20
49	46.00	16.89	45.95	17.03	45.90	17.16	45.85	17.29	45.80	17.43	45.75	17.56
50	46.93	17.24	46.88	17.37	46.83	17.51	46.78	17.65	46.73	17.78	46.68	17.92
51	47.87	17.58	47.82	17.72	47.77	17.86	47.72	18.00	47.67	18.14	47.61	18.28
52	48.81	17.93	48.76	18.07	48.71	18.21	48.65	18.35	48.60	18.49	48.55	18.63
53	49.75	18.27	49.70	18.42	49.64	18.56	49.59	18.71	49.53	18.85	49.48	18.99
54	50.69	18.62	50.64	18.76	50.58	18.91	50.53	19.06	50.47	19.21	50.41	19.35
55	51.63	18.96	51.57	19.11	51.52	19.26	51.46	19.41	51.40	19.56	51.35	19.71
56	52.57	19.31	52.51	19.46	52.45	19.61	52.40	19.76	52.34	19.92	52.28	20.07
57	53.51	19.65	53.45	19.81	53.39	19.96	53.33	20.12	53.27	20.27	53.21	20.43
58	54.44	20.00	54.39	20.15	54.33	20.31	54.27	20.47	54.21	20.63	54.15	20.78
59	55.38	20.34	55.32	20.50	55.26	20.66	55.20	20.82	55.14	20.98	55.08	21.14
60	56.32	20.69	56.26	20.85	56.20	21.01	56.14	21.18	56.08	21.34	56.01	21.50

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10		0'	

Vide	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	57.26	21.03	57.20	21.20	57.14	21.36	57.07	21.53	57.01	21.69	56.95	21.86
62	58.20	21.37	58.14	21.54	58.07	21.71	58.01	21.88	57.95	22.05	57.88	22.22
63	59.14	21.72	59.07	21.89	59.01	22.06	58.95	22.23	58.88	22.41	58.82	22.58
64	60.08	22.06	60.01	22.24	59.95	22.41	59.88	22.59	59.82	22.76	59.75	22.93
65	61.01	22.41	60.95	22.59	60.88	22.76	60.82	22.94	60.75	23.12	60.68	23.29
66	61.95	22.75	61.89	22.93	61.82	23.11	61.75	23.29	61.69	23.47	61.62	23.65
67	62.89	23.10	62.83	23 28	62.76	23.46	62.69	23.65	62.62	23.83	62.55	24.01
68	63.83	23.44	63.76	23.63	63.69	23.81	63.62	24.00	63.55	24.18	63.48	24.37
69	64.77	23.79	64.70	23.98	64.63	24.16	64.56	24.35	64.49	24.54	64.42	24.73
70	65.71	24.13	65.64	24.32	65.57	24.51	65.50	24.71	65.42	24.90	65.35	25.08
71	66.64	24.48	66.58	24.67	66.50	24.86	66.43	25.06	66.36	25.25	66.28	25.44
72	67.58	24.82	67.51	25.02	67.44	25.21	67.37	25.41	67.29	25.61	67.22	25.80
73	68.52	25.17	68.45	25.37	68.38	25.56	68.30	25.76	68.23	25.96	68.15	26.16
74	69.46	25.51	69.39	25.71	69.31	25.92	69.24	26.12	69.16	26.32	69.09	26.52
75	70.40	25.86	70.33	26.06	70.25	26.27	70.17	26.47	70.10	26.67	70.02	26.88
76	71.34	26.20	71.26	26.41	71.19	26.62	71.11	26.82	71.03	27.03	70.95	27.23
77	72.28	26.55	72.20	26.76	72.12	26.97	72.05	27.18	71.97	27.39	71.89	27.59
78	73.22	26.89	73.14	27.10	73.06	27.32	72.98	27.53	72.90	27.74	72.82	27.95
79	74.16	27.24	74.08	27.45	74.00	27.67	73.92	27.88	73.84	28.10	73.75	28.31
80	75.09	27.58	75.01	27.80	74.93	28.02	74.85	28.23	74.77	28.45	74.68	28.67
81	76.03	27.92	75.95	28.15	75.87	28.37	75.79	28.59	75.70	28.81	75.62	29.03
82	76.97	28.27	76.89	28.49	76.81	28.72	76.72	28.94	76.64	29.16	76.55	29.39
83	77.91	28.61	77.83	28.84	77.74	29.07	77.66	29.29	77.57	29.52	77.49	29.74
84	78.85	28.96	78.77	29.19	78.68	29.42	78.59	29.65	78.51	29.87	78.42	30.10
85	79.79	29.30	79.70	29.54	79.62	29.77	79.53	30.00	79.44	30.23	79.35	30.46
86	80.73	29.65	80.64	29.88	80.55	30.12	80.47	30.35	80.38	30.59	80.29	30.82
87	81.67	29.99	81.58	30.23	81.49	30.47	81.40	30.70	81.31	30.94	81.22	31.18
88	82.60	30.34	82.52	30.58	82.43	30.82	82.34	31.06	82.25	31.30	82.16	31.54
89	83.54	30.68	83.45	30.93	83.36	31.17	83.27	31.41	83.18	31.65	83.09	31.89
90	84.48	31.03	84.39	31.27	84.30	31.52	84.21	31.76	84.12	32.01	84.02	32.25
91	85.42	31.37	85.33	31.62	85.24	31.87	85.14	32.12	85.05	32.36	84.96	32.61
92	86.36	31.72	86.27	31.97	86.17	32.22	86.08	32.47	85.99	32.72	85.89	32.97
93	87.30	32.06	87.20	32.32	87.11	32.57	87.02	32.82	86.92	33.08	86.82	33.33
94	88.24	32.41	88.14	32.66	88.05	32.92	87.95	33.18	87.85	33.43	87.76	33.69
95	89.18	32.75	89.08	33.01	88.98	33.27	88.89	33.53	88.79	33.79	88.69	34.04
96	90.11	33.10	90.02	33.36	89.92	33.62	89.82	33.88	89.72	34.14	89.62	34.40
97	91.05	33.44	90.96	33.71	90.86	33.97	90.76	34.23	90.66	34.50	90.56	34.76
98	91.99	33.79	91.89	34.05	91.79	34.32	91.69	34.59	91.59	34.85	91.49	35.12
99	92.93	34.13	92.83	34.40	92.73	34.67	92.63	34.94	92.53	35.21	92.42	35.48
100	93.87	34.48	93.77	34.75	93.67	35.02	93.57	35.29	93.46	35.57	93.36	35.84
01	94.81	34.82	94.71	35.10	94.60	35.37	94.50	35.65	94.40	35.92	94.29	36.20
02	95.75	35.16	95.64	35.44	95.54	35.72	95.44	36.00	95.33	36.28	95.23	36.55
03	96.69	35.51	96.58	35.79	96.48	36.07	96.37	36.35	96.27	36.63	96.16	36.91
04	97.62	35.85	97.52	36.14	97.41	36.42	97.31	36.70	97.20	36.99	97.09	37.27
05	98.56	36.20	98.46	36.49	98.35	36.77	98.24	37.06	98.14	37.34	98.03	37.63
06	99.50	36.54	99.39	36.83	99.29	37.12	99.18	37.41	99.07	37.70	98.96	37.99
07	100.44	36.89	100.33	37.18	100.22	37.47	100.11	37.76	100.00	38.05	99.89	38.35
08	101.38	37.23	101.27	37.53	101.16	37.82	101.05	38.12	100.94	38.41	100.83	38.70
09	102.32	37.58	102.21	37.88	102.10	38.17	101.99	38.47	101.87	38.77	101.76	39.06
110	103.26	37.92	103.15	38.22	103.03	38.52	102.92	38.82	102.81	39.12	102.69	39.42
11	104.19	38.27	104.08	38.57	103.97	38.87	103.86	39.18	103.74	39.48	103.63	39.78
12	105.13	38.61	105.02	38.92	104.91	39.22	104.79	39.53	104.68	39.83	104.56	40.14
13	106.07	38.96	105.96	39.27	105.84	39.57	105.73	39.88	105.61	40.19	105.49	40.50
14	107.01	39.30	106.90	39.61	106.78	39.92	106.66	40.23	106.55	40.54	106.43	40.85
15	107.95	39.65	107.83	39.96	107.72	40.27	107.60	40.59	107.48	40.90	107.36	41.21
16	108.89	39.99	108.77	40.31	108.65	40.62	108.54	40.94	108.42	41.26	108.30	41.57
17	109.83	40.34	109.71	40.66	109.59	40.97	109.47	41.29	109.35	41.61	109.23	41.93
18	110.77	40.68	110.65	41.00	110.53	41.32	110.41	41.65	110.29	41.97	110.16	42.29
19	111.71	41.03	111.58	41.35	111.46	41.67	111.34	42.00	111.22	42.32	111.10	42.65
120	112.64	41.37	112.52	41.70	112.40	42.02	112.28	42.35	112.15	42.68	112.03	43.00
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	113.58	41.71	113.46	42.05	113.34	42.38	113.21	42.70	113.09	43.03	112.96	43.36
22	114.52	42.06	114.40	42.39	114.27	42.73	114.15	43.06	114.02	43.39	113.90	43.73
23	115.46	42.40	115.34	42.74	115.21	43.08	115.08	43.41	114.96	43.75	114.83	44.08
24	116.40	42.75	116.27	43.09	116.15	43.43	116.02	43.76	115.89	44.10	115.76	44.44
25	117.34	43.09	117.21	43.44	117.08	43.78	116.96	44.12	116.83	44.46	116.70	44.80
26	118.27	43.44	118.15	43.78	118.02	44.13	117.89	44.47	117.76	44.81	117.63	45.15
27	119.21	43.78	119.09	44.13	118.96	44.48	118.83	44.82	118.70	45.17	118.57	45.51
28	120.15	44.13	120.02	44.48	119.89	44.83	119.76	45.18	119.63	45.52	119.50	45.87
29	121.09	44.47	120.96	44.83	120.83	45.18	120.70	45.53	120.57	45.88	120.43	46.23
130	122.03	44.82	121.90	45.17	121.77	45.53	121.63	45.88	121.50	46.23	121.37	46.59
31	122.97	45.16	122.84	45.52	122.70	45.88	122.57	46.23	122.44	46.59	122.30	46.95
32	123.91	45.51	123.77	45.87	123.64	46.23	123.51	46.59	123.37	46.95	123.23	47.30
33	124.85	45.85	124.71	46.21	124.58	46.58	124.44	46.94	124.30	47.30	124.17	47.66
34	125.78	46.20	125.65	46.56	125.51	46.93	125.38	47.29	125.24	47.66	125.10	48.02
35	126.72	46.54	126.59	46.91	126.45	47.28	126.31	47.65	126.17	48.01	126.03	48.38
36	127.66	46.89	127.53	47.26	127.39	47.63	127.25	48.00	127.11	48.37	126.97	48.74
37	128.60	47.23	128.46	47.60	128.32	47.98	128.18	48.35	128.04	48.72	127.90	49.10
38	129.54	47.58	129.40	47.95	129.26	48.33	129.12	48.70	128.98	49.08	128.83	49.45
39	130.48	47.92	130.34	48.30	130.20	48.68	130.06	49.06	129.91	49.44	129.77	49.81
140	131.42	48.27	131.28	48.65	131.13	49.03	130.99	49.41	130.85	49.79	130.70	50.17
41	132.36	48.61	132.21	48.99	132.07	49.38	131.93	49.76	131.78	50.15	131.64	50.53
42	133.29	48.95	133.15	49.34	133.01	49.73	132.86	50.12	132.72	50.50	132.57	50.89
43	134.23	49.30	134.09	49.69	133.94	50.08	133.80	50.47	133.65	50.86	133.50	51.25
44	135.17	49.64	135.03	50.04	134.88	50.43	134.73	50.82	134.59	51.21	134.44	51.60
45	136.11	49.99	135.96	50.38	135.82	50.78	135.67	51.17	135.52	51.57	135.37	51.96
46	137.05	50.33	136.90	50.73	136.75	51.13	136.60	51.53	136.45	51.93	136.30	52.32
47	137.99	50.68	137.84	51.08	137.69	51.48	137.54	51.88	137.39	52.28	137.24	52.68
48	138.93	51.02	138.78	51.43	138.63	51.83	138.48	52.23	138.32	52.64	138.17	53.04
49	139.86	51.37	139.72	51.77	139.56	52.18	139.41	52.59	139,26	52.99	139.10	53.40
150	140.80	51.71	140.65	52.12	140.50	52.53	140.35	52.94	140.19	53.35	140.04	53.75
51	141.74	52.06	141.59	52.47	141.44	52.88	141.28	53.29	141,13	53.70	140.97	54.11
52	142.68	52.40	142.53	52.82	142.37	53.23	142.22	53.65	142.06	54.06	141.90	54.47
53	143.62	52.75	143.47	53.16	143.31	53.58	143.15	54.00	143.00	54.41	142.84	54.83
54	144.56	53.09	144.40	53.51	144.25	53.93	144.09	54.35	143.93	54.77	143.77	55.19
55	145.50	53.44	145.34	53.86	145.18	54.28	145.03	54.70	144.87	55.13	144.71	55.55
56	146.44	53.78	146.28	54.21	146.12	54.63	145.96	55.06	145.80	55.48	145.64	55.90
57	147.37	54.13	147.22	54.55	147.06	54.98	146.90	55.41	146.74	55.84	146.57	56.26
58	148.31	54.47	148.15	54.90	147.99	55.33	147.83	55.76	147.67	56.19	147.51	56.62
59	149.25	54.82	149.09	55.25	148.93	55.68	148.77	56.12	148.60	56.55	148.44	56.98
160	150.19	55.16	150.03	55.60	149.87	56.03	149.70	56.47	149.54	56.90	149.37	57.34
61	151.13	55.51	150.97	55.94	150.80	56.38	150.64	56.82	150.47	57.26	150.31	57.70
62	152.07	55.85	151.91	56.29	151.74	56.73	151.58	57.17	151.41	57.62	151.24	58.05
63	153.01	56.19	152.84	56.64	152.68	57.08	152.51	57.53	152.34	57.97	152.17	58.41
64	153.95	56.54	153.78	56.99	153.61	57.43	153.45	57.88	153.28	58.33	153.11	58.77
65	154.88	56.88	154.72	57.33	154.55	57.78	154.38	58.23	154.21	58.68	154.04	59.13
66	155.82	57.28	155.66	57.68	155.49	58.13	155.32	58.59	155.15	59.04	154.97	59.49
67	156.76	57.57	156.59	58.03	156.42	58.48	156.25	58.94	156.08	59.39	155.91	59.85
68	157.70	57.92	157.53	58.38	157.36	58.83	157.19	59.29	157.02	59.75	156.84	60.20
69	158.64	58.26	158.47	58.72	158.30	59.18	158.12	59.65	157.95	60.11	157.78	60.56
170	159.58	58.61	159.41	59.07	159.23	59.54	159.06	60.00	158.89	60.46	158.71	60.92
71	160.52	58.95	160.34	59.42	160.17	59.89	160.00	60.35	159.82	60.82	159.64	61.28
72	161.45	59.30	161.28	59.77	161.11	60.24	160.93	60.70	160.75	61.17	160.58	61.64
73	162.39	59.64	162.22	60.11	162.04	60.59	161.87	61.06	161.69	61.53	161.51	62.00
74	163.33	59.99	163.16	60.46	162.98	60.94	162.80	61.41	162.62	61.88	162.44	62.36
75	164.27	60.33	164.10	60.81	163.92	61.29	163.74	61.76	163.56	62.24	163.38	62.71
76	165.21	60.68	165.03	61.16	164.85	61.64	164.67	62.12	164.49	62.59	164.31	63.07
77	166.15	61.02	165.97	61.50	165.79	61.99	165.61	62.47	165.43	62.95	165.24	63.43
78	167.09	61.37	166.91	61.85	166.73	62.34	166.55	62.82	166.36	63.31	166.18	63.79
79	168.03	61.71	167.85	62.20	167.66	62.69	167.48	63.17	167.30	63.66	167.11	64.15
180	168.96	62.06	168.78	62.55	168.60	63.04	168.42	63.53	168.23	64.02	168.04	64.51

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	169 90	62.40	169.72	62.89	169.54	63.39	169.35	63.88	169.17	64.37	168.98	64.86
82	170.84	62.74	170.66	63.24	170.47	63.74	170.29	64.23	170.10	64.73	169.91	65.22
83	171.78	63.09	171.60	63.59	171.41	64'09	171.22	64.59	171.04	65.08	170.85	65.58
84	172.72	63.43	172.53	63.94	172.35	64.44	172.16	64.94	171.97	65.44	171.78	65.94
85	173.66	63.78	173.47	64.28	173.28	64.79	173.10	65.29	172.91	65.80	172.71	66.30
86	174.60	64.12	174.41	64.63	174.22	65.14	174.03	65.64	173.84	66.15	173.65	66.66
87	175.54	64.47	175.35	64.98	175.16	65.49	174.97	66.00	174.77	66.51	174.58	67.01
88	176.47	64.81	176.29	65.33	176.09	65.84	175.90	66.35	175.71	66.86	175.51	67.37
89	177.41	65.16	177.22	65.67	177.03	66.19	176.84	66.70	176.64	67.22	176.45	67.73
190	178.35	65.50	178.16	66.02	177.97	66.54	177.77	67.06	177.58	67.57	177.38	68.09
91	179.29	65.85	179.10	66.37	178.90	66.89	178.71	67.41	178.51	67.93	178.31	68.45
92	180.23	66.19	180.04	66.72	179.84	67.24	179.64	67.76	179.45	68.28	179.25	68.81
93	181.17	66.54	180.97	67.06	180.78	67.59	180.58	68.12	180.38	68.64	180.18	69.17
94	182.11	66.88	181.91	67.41	181.71	67.94	181.52	68.47	181.32	69.00	181.12	69.53
95	183.04	67.23	182.85	67.76	182.65	68.29	182.45	68.82	182.25	69.35	182.05	69.88
96	183.98	67.57	183.79	68.11	183.59	68.64	183.39	69.17	183.19	69.71	182.98	70.24
97	184.92	67.92	184.72	68.46	184.52	68.99	184.32	69.53	184.12	70.06	183.92	70.60
98	185.86	68.26	185.66	68.80	185.46	69.34	185.26	69.88	185.06	70.42	184.85	70.96
99	186.80	68.61	186.60	69.15	186.40	69.69	186.19	70.23	185.99	70.77	185.78	71.32
200	187.74	68.95	187.54	69.50	187.33	70.04	187.13	70.59	186.92	71.13	186.72	71.67
01	188.68	69.30	188.48	69.84	188.27	70.39	188.07	70.94	187.86	71.49	187.65	72.03
02	189.62	69.64	189.41	70.19	189.21	70.74	189.00	71.29	188.79	71.84	188.58	72.39
03	190.55	69.98	190.35	70.54	190.14	71.09	189.94	71.64	189.73	72.20	189.52	72.75
04	191.49	70.33	191.29	70.89	191.08	71.44	190.87	72.00	190.66	72.55	190.45	73.11
05	192.43	70.67	192.23	71.23	192.02	71.79	191.81	72.35	191.60	72.91	191.38	73.47
06	193.37	71.02	193.16	71.58	192.95	72.14	192.74	72.70	192.53	73.26	192.32	73.82
07	194.31	71.36	194.10	71.93	193.89	72.49	193.68	73.06	193.47	73.62	193.25	74.18
08	195.25	71.71	195.04	72.28	194.83	72.84	194.62	73.41	194.40	73.98	194.19	74.54
09	196.19	72.05	195.98	72.62	195.76	73.19	195.55	73.76	195.34	74.33	195.12	74.90
210	197.12	72.40	196.91	72.97	196.70	73.54	196.49	74.12	196.27	74.69	196.05	75.26
11	198.06	72.74	197.85	73.32	197.64	73.89	197.42	74.47	197.21	75.04	196.99	75.62
12	199.00	73.09	198.79	73.67	198.57	74.24	198.36	74.82	198.14	75.40	197.92	75.97
13	199.94	73.43	199.73	74.01	199.51	74.59	199.29	75.17	199.07	75.75	198.85	76.33
14	200.88	73.78	200.67	74.36	200.45	74.94	200.23	75.53	200.01	76.11	199.79	76.69
15	201.82	74.12	201.60	74.71	201.38	75.29	201.16	75.88	200.94	76.46	200.72	77.05
16	202.76	74.47	202.54	75.06	202.32	75.64	202.10	76.23	201.88	76.82	201.65	77.41
17	203.70	74.81	203.48	75.40	203.26	75.99	203.04	76.59	202.81	77.18	202.59	77.77
18	204.63	75.16	204.42	75.75	204.19	76.34	203.97	76.94	203.75	77.53	203.52	78.12
19	205.57	75.50	205.35	76.10	205.13	76.70	204.91	77.29	204.68	77.89	204.45	78.48
220	206.51	75.85	206.29	76.45	206.07	77.05	205.84	77.64	205.62	78.24	205.39	78.84
21	207.45	76.19	207.28	76.79	207.00	77.40	206.78	78.00	206.55	78.60	206.32	79.20
22	208.39	76.58	208.17	77.14	207.94	77.75	207.71	78.35	207.49	78.95	207.26	79.56
23	209.33	76.88	209.10	77.49	208.88	78.10	208.65	78.70	208.42	79.31	208.19	79.92
24	210.27	77.22	210.04	77.84	209.81	78.45	209.59	79.06	209.36	79.67	209.12	80.27
25	211.21	77.57	210.98	78.18	210.75	78.80	210.52	79.41	210.29	80.02	210.06	80.63
26	212.14	77.91	211.92	78.53	211.69	79.15	211.46	79.76	211.22	80.38	210.99	80.99
27	218.08	78.26	212.85	78.88	212.62	79.50	212.39	80.12	212.16	80.72	211.92	81.35
28	214.02	78.60	213.79	79.23	213.56	79.85	213.33	80.47	213.09	81.09	212.86	81.71
29	214.96	78.95	214.73	79.57	214.50	80.20	214.26	80.82	214.03	81.44	213.79	82.07
230	215.90	79.29	215.67	79.92	215.44	80.55	215.20	81.17	214.96	81.80	214.72	82.42
31	216.84	79.64	216.61	80.27	216.37	80.90	216.14	81.53	215.90	82.16	215.66	82.78
32	217.78	79.98	217.54	80.62	217.31	81.25	217.07	81.88	216.83	82.51	216.59	83.14
33	218.71	80.33	218.48	80.96	218.25	81.60	218.01	82.23	217.77	82.87	217.52	83.50
34	219.65	80.67	219.42	81.31	219.18	81.95	218.94	82.59	218.70	83.22	218.46	83.86
35	220.59	81.02	220.36	81.66	220.12	82.30	219.88	82.94	219.64	83.58	219.39	84.22
36	221.53	81.36	221.29	82.01	221.06	82.65	220.81	83.29	220.57	83.93	220.33	84.57
37	222.47	81.71	222.23	82.35	221.99	83.00	221.75	83.64	221.51	84.29	221.26	84.93
38	223.41	82.05	223.17	82.70	222.93	83.35	222.68	84.00	222.44	84.64	222.19	85.29
39	224.35	82.40	224.11	83.05	223.87	83.70	223.62	84.35	223.37	85.00	223.13	85.65
240	225.29	82.74	225.04	83.40	224.80	84.05	224.56	84.70	224.31	85.36	224.06	86.01

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	57.62	20.03	57.56	20.19	57.49	20.36	57.44	20.53	57.38	20.70	57.32	20.87
62	58.56	20.36	58.50	20.53	58.44	20.70	58.38	20.87	58.32	21.04	58.26	21.21
63	59.51	20.68	59.45	20.86	59.38	21.03	59.33	21.20	59.26	21.37	59.20	21.55
64	60.45	21.01	60.39	21.19	60.32	21.36	60.27	21.54	60.20	21.71	60.14	21.89
65	61.40	21.34	61.33	21.52	61.26	21.70	61.21	21.88	61.14	22.05	61.08	22.23
66	62.34	21.67	62.28	21.85	62.21	22.03	62.15	22.21	62.09	22.39	62.02	22.57
67	63.29	22.00	63.22	22.18	63.15	22.37	63.09	22.55	63.03	22.73	62.96	22.92
68	64.23	22.33	64.17	22.51	64.09	22.70	64.03	22.89	63.97	23.07	63.90	23.26
69	65.18	22.65	65.11	22.84	65.04	23.03	64.98	23.22	64.91	23.41	64.84	23.60
70	66.12	22.98	66.05	23.17	65.98	23.37	65.92	23.56	65.85	23.75	65.78	23.94
71	67.06	23.31	67.00	23.51	66.92	23.70	66.86	23.89	66.79	24.09	66.72	24.28
72	68.01	23.64	67.94	23.84	67.86	24.03	67.80	24.23	67.73	24.43	67.66	24.63
73	68.95	23.97	68.88	24.17	68.81	24.37	68.74	24.57	68.67	24.77	68.60	24.97
74	69.90	24.30	69.83	24.50	69.75	24.70	69.68	24.90	69.61	25.11	69.54	25.31
75	70.84	24.62	70.77	24.83	70.69	25.04	70.63	25.24	70.55	25.45	70.48	25.65
76	71.79	24.95	71.71	25.16	71.63	25.37	71.57	25.58	71.49	25.79	71.42	25.99
77	72.73	25.28	72.66	25.49	72.58	25.70	72.51	25.91	72.43	26.12	72.36	26.34
78	73.68	25.61	73.60	25.82	73.52	26.04	73.45	26.25	73.37	26.46	73.30	26.68
79	74.62	25.94	74.55	26.15	74.46	26.37	74.39	26.59	74.31	26.80	74.24	27.02
80	75.57	26.27	75.49	26.49	75.40	26.70	75.33	26.92	75.25	27.14	75.18	27.36
81	76.51	26.59	76.43	26.82	76.35	27.04	76.28	27.26	76.20	27.48	76.12	27.70
82	77.45	26.92	77.38	27.15	77.29	27.37	77.22	27.60	77.14	27.82	77.06	28.05
83	78.40	27.25	78.32	27.48	78.23	27.71	78.16	27.93	78.08	28.16	77.99	28.39
84	79.34	27.58	79.26	27.81	79.17	28.04	79.10	28.27	79.02	28.50	78.93	28.73
85	80.29	27.91	80.21	28.14	80.12	28.37	80.04	28.61	79.96	28.84	79.87	29.07
86	81.23	28.24	81.15	28.47	81.06	28.71	80.98	28.94	80.90	29.18	80.81	29.41
87	82.18	28.56	82.09	28.80	82.00	29.04	81.93	29.28	81.84	29.52	81.75	29.76
88	83.12	28.89	83.04	29.13	82.95	29.38	82.87	29.62	82.78	29.86	82.69	30.10
89	84.07	29.22	83.98	29.46	83.89	29.71	83.81	29.95	83.72	30.20	83.63	30.44
90	85.01	29.55	84.92	29.80	84.83	30.04	84.75	30.29	84.66	30.54	84.57	30.78
91	85.96	29.88	85.87	30.13	85.77	30.38	85.69	30.63	85.60	30.87	85.51	31.12
92	86.90	30.21	86.81	30.46	86.72	30.71	86.63	30.96	86.54	31.21	86.45	31.47
93	87.84	30.53	87.76	30.79	87.66	31.04	87.58	31.30	87.48	31.55	87.39	31.81
94	88.79	30.86	88.70	31.12	88.60	31.38	88.52	31.64	88.42	31.89	88.33	32.15
95	89.73	31.19	89.64	31.45	89.54	31.71	89.46	31.97	89.36	32.23	89.27	32.49
96	90.68	31.52	90.59	31.78	90.49	32.05	90.40	32.31	90.31	32.57	90.21	32.83
97	91.62	31.85	91.53	32.11	91.443	32.38	91.34	32.65	91.25	32.91	91.15	33.18
98	92.57	32.18	92.47	32.44	92.37	32.71	92.28	32.98	92.19	33.25	92.09	33.52
99	93.51	32.50	93.42	32.78	93.31	33.05	93.23	33.32	93.13	33.59	93.03	33.86
100	94.46	32.83	94.36	33.11	94.26	33.38	94.17	33.66	94.07	33.93	93.97	34.20
101	95.40	33.16	95.30	33.44	95.20	33.71	95.11	33.99	95.01	34.27	94.91	34.54
102	96.35	33.49	96.25	33.77	96.14	34.05	96.05	34.33	95.95	34.61	95.85	34.89
103	97.29	33.82	97.19	34.10	97.08	34.38	96.99	34.66	96.89	34.95	96.79	35.23
104	98.23	34.14	98.14	34.43	98.03	34.72	97.93	35.00	97.83	35.29	97.73	35.57
105	99.18	34.47	99.08	34.76	98.97	35.05	98.88	35.34	98.77	35.62	98.67	35.91
106	100.12	34.80	100.02	35.09	99.91	35.38	99.82	35.67	99.71	35.96	99.61	36.25
107	101.07	35.13	100.97	35.42	100.86	35.72	100.76	36.01	100.65	36.30	100.55	36.60
108	102.01	35.46	101.91	35.75	101.80	36.05	101.70	36.35	101.59	36.64	101.49	36.94
109	102.96	35.79	102.85	36.09	102.74	36.38	102.64	36.68	102.53	36.98	102.43	37.28
110	103.90	36.11	103.80	36.42	103.68	36.72	103.58	37.02	103.48	37.32	103.37	37.62
111	104.85	36.44	104.74	36.75	104.63	37.05	104.53	37.36	104.42	37.66	104.31	37.96
112	105.79	36.77	105.68	37.08	105.57	37.39	105.47	37.69	105.36	38.00	105.25	38.31
113	106.74	37.10	106.63	37.41	106.51	37.72	106.41	38.03	106.30	38.34	106.19	38.65
114	107.68	37.43	107.57	37.74	107.45	38.05	107.35	38.37	107.24	38.68	107.13	38.99
115	108.63	37.76	108.52	38.07	108.40	38.39	108.29	38.70	108.18	39.02	108.06	39.33
116	109.57	38.08	109.46	38.40	109.34	38.72	109.23	39.04	109.12	39.36	109.00	39.67
117	110.51	38.41	110.40	38.73	110.28	39.06	110.18	39.38	110.06	39.70	109.94	40.02
118	111.46	38.74	111.35	39.07	111.22	39.39	111.12	39.71	111.00	40.04	110.88	40.36
119	112.40	39.07	112.29	39.40	112.17	39.72	112.06	40.05	111.94	40.37	111.82	40.70
120	113.35	39.40	113.23	39.73	113.11	40.06	113.00	40.39	112.88	40.71	112.76	41.04

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	114.29	39.73	114.18	40.06	114.05	40.39	113.94	40.72	113.82	41.05	113.70	41.38
22	115.24	40.05	115.12	40.39	115.00	40.72	114.88	41.06	114.76	41.39	114.64	41.73
23	116.18	40.38	116.06	40.72	115.94	41.06	115.93	41.40	115.70	41.73	115.58	42.07
24	117.13	40.71	117.01	41.05	116.88	41.39	116.77	41.73	116.64	42.07	116.52	42.41
25	118.07	41.04	117.95	41.38	117.82	41.73	117.71	42.07	117.59	42.41	117.46	42.75
26	119.02	41.37	118.89	41.71	118.77	42.06	118.65	42.40	118.53	42.75	118.40	43.09
27	119.96	41.70	119.84	42.05	119.71	42.39	119.59	42.74	119.47	43.09	119.34	43.44
28	120.90	42.02	120.78	42.38	120.65	42.73	120.53	43.08	120.41	43.43	120.28	43.78
29	121.85	42.35	121.73	42.71	121.59	43.06	121.48	43.41	121.35	43.77	121.22	44.12
30	122.79	42.68	122.67	43.04	122.54	43.39	122.42	43.75	122.29	44.11	122.16	44.46
31	123.74	43.01	123.61	43.37	123.48	43.73	123.36	44.09	123.23	44.45	123.10	44.80
32	124.68	43.34	124.56	43.70	124.42	44.06	124.30	44.42	124.17	44.79	124.04	45.15
33	125.63	43.67	125.50	44.03	125.36	44.40	125.24	44.76	125.11	45.12	124.98	45.49
34	126.57	43.99	126.44	44.36	126.31	44.73	126.18	45.10	126.05	45.46	125.92	45.83
35	127.52	44.32	127.39	44.69	127.25	45.06	127.13	45.43	126.99	45.80	126.86	46.17
36	128.46	44.65	128.33	45.02	128.19	45.40	128.07	45.77	127.93	46.14	127.80	46.51
37	129.41	44.98	129.27	45.36	129.13	45.73	129.01	46.11	128.87	46.48	128.74	46.86
38	130.35	45.31	130.22	45.69	130.08	46.07	129.95	46.44	129.81	46.82	129.68	47.20
39	131.29	45.64	131.16	46.02	131.02	46.40	130.89	46.78	130.75	47.16	130.62	47.54
140	132.24	45.96	132.11	46.35	131.96	46.73	131.83	47.12	131.70	47.50	131.56	47.88
41	133.18	46.29	133.05	46.68	132.91	47.07	132.78	47.45	132.64	47.84	132.50	48.22
42	134.13	46.62	133.99	47.01	133.85	47.40	133.72	47.79	133.58	48.18	133.44	48.57
43	135.07	46.95	134.94	47.34	134.79	47.73	134.66	48.13	134.52	48.52	134.38	48.91
44	136.02	47.28	135.88	47.67	135.73	48.07	135.60	48.46	135.46	48.86	135.32	49.25
45	136.96	47.61	136.82	48.00	136.68	48.40	136.54	48.80	136.40	49.20	136.26	49.59
46	137.91	47.93	137.77	48.34	137.62	48.74	137.48	49.14	137.34	49.54	137.20	49.93
47	138.85	48.26	138.71	48.67	138.56	49.07	138.43	49.47	138.28	49.87	138.13	50.28
48	139.80	48.59	139.65	49.00	139.50	49.40	139.37	49.81	139.22	50.21	139.07	50.62
49	140.74	48.92	140.60	49.33	140.45	49.74	140.31	50.15	140.16	50.55	140.01	50.96
150	141.69	49.25	141.54	49.66	141.39	50.07	141.25	50.48	141.10	50.89	140.95	51.30
51	142.63	49.58	142.48	49.99	142.33	50.40	142.19	50.82	142.04	51.23	141.89	51.65
52	143.57	49.90	143.43	50.32	143.27	50.74	143.13	51.16	142.98	51.57	142.83	51.99
53	144.52	50.23	144.37	50.65	144.22	51.07	144.08	51.49	143.92	51.91	143.77	52.33
54	145.46	50.56	145.32	50.98	145.16	51.41	145.02	51.83	144.87	52.25	144.71	52.67
55	146.41	50.89	146.26	51.31	146.10	51.74	145.96	52.16	145.81	52.59	145.65	53.01
56	147.35	51.22	147.20	51.65	147.04	52.07	146.90	52.50	146.75	52.93	146.59	53.36
57	148.30	51.55	148.15	51.98	147.99	52.41	147.84	52.84	147.69	53.27	147.53	53.70
58	149.24	51.87	149.09	52.31	148.93	52.74	148.78	53.17	148.63	53.61	148.47	54.04
59	150.19	52.20	150.03	52.64	149.87	53.08	149.73	53.51	149.57	53.95	149.41	54.38
160	151.13	52.53	150.98	52.97	150.82	53.41	150.67	53.85	150.51	54.29	150.35	54.72
61	152.08	52.86	151.92	53.30	151.76	53.74	151.61	54.18	151.45	54.62	151.29	55.07
62	153.02	53.19	152.86	53.63	152.70	54.08	152.55	54.52	152.39	54.96	152.23	55.41
63	153.96	53.52	153.81	53.96	153.64	54.41	153.49	54.86	153.33	55.30	153.17	55.75
64	154.91	53.84	154.75	54.29	154.59	54.74	154.43	55.19	154.27	55.64	154.11	56.09
65	155.85	54.17	155.70	54.63	155.53	55.08	155.38	55.53	155.21	55.98	155.05	56.43
66	156.80	54.50	156.64	54.96	156.47	55.41	156.32	55.87	156.15	56.32	155.99	56.78
67	157.74	54.83	157.58	55.29	157.41	55.75	157.26	56.20	157.09	56.66	156.93	57.12
68	158.69	55.16	158.53	55.62	158.36	56.08	158.20	56.54	158.03	57.00	157.87	57.46
69	159.63	55.49	159.47	55.95	159.30	56.41	159.14	56.88	158.98	57.34	158.81	57.80
170	160.58	55.81	160.41	56.28	160.24	56.75	160.08	57.21	159.92	57.68	159.75	58.14
71	161.52	56.14	161.36	56.61	161.18	57.08	161.03	57.55	160.86	58.02	160.69	58.49
72	162.47	56.47	162.30	56.94	162.13	57.41	161.97	57.89	161.80	58.36	161.63	58.83
73	163.41	56.80	163.24	57.27	163.07	57.75	162.91	58.22	162.74	58.70	162.57	59.17
74	164.35	57.13	164.19	57.60	164.01	58.08	163.85	58.56	163.68	59.04	163.51	59.51
75	165.30	57.46	165.13	57.94	164.96	58.42	164.79	58.90	164.62	59.37	164.45	59.85
76	166.24	57.78	166.08	58.27	165.90	58.75	165.73	59.23	165.56	59.71	165.39	60.20
77	167.19	58.11	167.02	58.60	166.84	59.08	166.68	59.57	166.50	60.05	166.33	60.54
78	168.13	58.44	167.96	58.93	167.78	59.42	167.62	59.91	167.44	60.39	167.27	60.88
79	169.08	58.77	168.91	59.26	168.73	59.75	168.56	60.24	168.38	60.73	168.21	61.22
180	170.02	59.10	169.85	59.59	169.67	60.09	169.50	60.58	169.32	61.07	169.15	61.56
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Pd	10'		20'		30'		40'		50'		60'	
P	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	170.97	59.43	170.79	59.92	170.61	60.42	170.44	60.92	170.26	61.41	170.08	61.91
82	171.91	59.75	171.74	60.25	171.55	60.75	171.38	61.25	171.20	61.75	171.02	62.25
83	172.86	60.08	172.68	60.58	172.50	61.09	172.33	61.59	172.14	62.09	171.96	62.59
84	173.80	60.41	173.62	60.92	173.44	61.42	173.27	61.92	173.09	62.43	172.90	62.93
85	174.74	60.74	174.57	61.25	174.38	61.75	174.21	62.26	174.03	62.77	173.84	63.27
86	175.69	61.07	175.51	61.58	175.32	62.09	175.15	62.60	174.97	63.11	174.78	63.62
87	176.63	61.40	176.45	61.91	176.27	62.42	176.09	62.93	175.91	63.45	175.72	63.96
88	177.58	61.72	177.40	62.24	177.21	62.76	177.03	63.27	176.85	63.79	176.66	64.30
89	178.52	62.05	178.34	62.57	178.15	63.09	177.98	63.61	177.79	64.12	177.60	64.64
190	179.47	62.38	179.29	62.90	179.09	63.42	178.92	63.94	178.73	64.46	178,54	64,98
91	180.41	62.71	180.23	63.23	180.04	63.76	179.86	64.28	179.67	64.80	179.48	65.38
92	181.36	63.04	181.17	63.56	180.98	64.09	180.80	64.62	180.61	65.14	180.42	65.67
93	182.30	63.37	182.12	63.90	181.92	64.42	181.74	64.95	181.55	65.48	181.36	66.01
94	183.25	63.69	183.06	64.23	182.87	64.76	182.68	65.29	182.49	65.82	182.30	66,35
95	184.15	64.02	184.00	64.56	183.81	65.09	183.63	65.63	183.43	66.16	183.24	66.68
96	185.14	64.35	184.95	64.89	184.75	65.43	184.57	65.96	184,37	66.50	184.18	67.04
97	186.08	64.68	185.89	65.22	185.69	65.76	185.51	66.30	185.31	66.84	185.12	67.38
98	187.02	65.01	186.83	65.55	186.64	66.09	186.45	66.64	186.26	67.18	186.06	67.72
99	187.97	65.34	187.78	65.88	187.58	66.43	187.39	66.97	187.20	67.52	187.00	68.06
200	188.91	65.66	188.72	66.21	188.52	66.76	188.33	67.31	188.14	67.86	187.94	68,40
01	189.86	65.99	189.67	66.54	189.46	67.10	189.28	67.65	189.08	68.20	188,88	68,75
02	190.80	66.32	190.61	66.87	190.41	67.43	190.22	67.98	190.02	68.54	189.82	69.09
03	191.75	66.65	191.55	67.21	191.35	67.7e	191.16	68.32	190.96	68.87	190.76	69.43
04	192.69	66.98	192.50	67.54	192.29	68.10	192.10	68.66	191.90	69.21	191.70	69.77
05	193.64	67.30	193.44	67.87	193.23	68.43	193.04	68.99	192.84	69.55	192.64	70.11
06	194.58	67.63	194.38	68.20	194.18	68.76	193.98	69.33	193.78	69.89	193.58	70.46
07	195.53	67.96	195.33	68.53	195.12	69.10	194.93	69.67	194.72	70.23	194.52	70.80
08	196.47	68.29	196.27	68.86	196.06	69.43	195.87	70.00	195.66	70.57	195.46	71.14
09	197.41	68.62	197.21	69.19	197.01	69.77	196.81	70.34	196.60	70.91	196.40	71.48
210	198.36	68.95	198.16	69.52	197.95	70.10	197.75	70.67	197.54	71.25	197.34	71.82
11	199.30	69.27	199.10	69.85	198.89	70.43	198.69	71.01	198.48	71.59	198.28	72.17
12	200.25	69.60	200.05	70.19	199.83	70.77	199.63	71.35	199.42	71.93	199.22	72.51
13	201.19	69.93	200.99	70.52	200.78	71.10	200.58	71.68	200.37	72.27	200.15	72.85
14	202.14	70.26	201.93	70.85	201.72	71.43	201.52	72.02	201.31	72.61	201.09	73.19
15	203.08	70.59	202.88	71.18	202.66	71.77	202.46	72.36	202.25	72.95	202.03	73.53
16	204.03	70.92	203.82	71.51	203.60	72.10	203.40	72.69	203.19	73.29	202.97	73.88
17	204.97	71.24	204.76	71.84	204.55	72.44	204.34	73.03	204.13	73.62	203.91	74.22
18	205.92	71.57	205.71	72.17	205.49	72.77	205.28	73.37	205.07	73.96	204.85	74.56
19	206.86	71.90	206.65	72.50	206.43	73.10	206.23	73.70	206.01	74.30	205.79	74.90
220	207.80	72.23	207.59	72.83	207.37	73.44	207.17	74.04	206.95	74.64	206.73	75.24
21	208.75	72.56	208.54	73.16	208.32	73.77	208.11	74.38	207.89	74.98	207.67	75.59
22	209.69	72.89	209.48	73.50	209.26	74.11	209.05	74.71	208.83	75.32	208.61	75.93
23	210.64	73.21	210.42	73.83	210.20	74.44	209.99	75.05	209.77	75.66	209.55	76.27
24	211.58	73.54	211.37	74.16	211.14	74.77	210.93	75.39	210.71	76.00	210.49	76.61
25	212.53	73.87	212.31	74.49	212.09	75.11	211.88	75.72	211.65	76.34	211.43	76.95
26	213.47	74.20	213.26	74.82	213.03	75.44	212.82	76.06	212.59	76.68	212.37	77.30
27	214.42	74.53	214,20	75.15	213.97	75.77	213.76	76.40	213.53	77.02	213.31	77.64
28	215.36	74.86	215.14	75.48	214.92	76.11	214.70	76.73	214.48	77.36	214.25	77.98
29	216.31	75.18	216.09	75.81	215.86	76.44	215.64	77.07	215.42	77.70	215.19	78.32
230	217.25	75.51	217.03	76,14	216.80	76.78	216.58	77.41	216.36	78.04	216.13	78.66
31	218.19	75.84	217.97	76.48	217.74	77.11	217.53	77.74	217.30	78.37	217.07	79.01
32	219.14	76.17	218.92	76.81	218.69	77.44	218.47	78.08	218.24	78.71	218.01	79.35
33	220.08	76.50	219.86	77.14	219.63	77.78	219.41	78.42	219.18	79.05	218.95	79.69
34	221.03	76,83	220.80	77.47	220.57	78.11	220.35	78.75	220.12	79.39	219.89	80.03
35	221.97	77,15	221.75	77.80	221.51	78.44	221.29	79.09	221.06	79.73	220.83	80.37
36	222.92	77.48	222.69	78.13	222.46	78.78	222.23	79.43	222.00	80.07	221.77	80.72
37	223.86	77.81	223.64	78.46	223.40	79.11	223.18	79.76	222.94	80.41	222.71	81.06
38	224.81	78.14	224.58	78.79	224.34	79.45	224.12	80.10	223.88	80.75	223.65	81.40
39	225.75	78.47	225.52	79.12	225.28	79.78	225.06	80.43	224.82	81,09	224,59	81.74
240	226.70	78.80	226.47	79.46	226.23	80.11	226.00	80.77	225,76	81.43	225.53	82.08

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10'		20'		30'		40'		50'		60'	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	227.64	79.12	227.41	79.79	227.17	80.45	226.94	81.11	226.70	81.77	226.47	82.43
42	228.59	79.45	228.35	80.12	228.11	80.78	227.88	81.44	227.65	82.11	227.41	82.77
43	229.53	79.78	229.30	80.45	229.05	81.12	228.83	81.78	228.59	82.45	228.35	83.11
44	230.47	80.11	230.24	80.78	230.00	81.45	229.77	82.12	229.53	82.79	229.29	83.45
45	231.42	80.44	231.18	81.11	230.94	81.78	230.71	82.45	230.47	83.12	230.22	83.79
46	232.36	80.77	232.13	81.44	231.88	82.11	231.65	82.79	231.41	83.46	231.16	84.14
47	233.31	81.09	233.07	81.77	232.83	82.45	232.59	83.13	232.35	83.80	232.10	84.48
48	234.25	81.42	234.02	82.10	233.77	82.78	233.53	83.46	233.29	84.14	233.04	84.82
49	235.20	81.75	234.96	82.43	234.71	83.12	234.48	83.80	234.23	84.48	233.98	85.16
250	236.14	82.08	235.90	82.77	235.65	83.45	235.42	84.14	235.17	84.82	234.92	85.51
51	237.09	82.41	236.85	83.10	236.60	83.79	236.36	84.47	236.11	85.16	235.86	85.86
52	238.03	82.74	237.79	83.43	237.54	84.12	237.30	84.81	237.05	85.50	236.80	86.19
53	238.98	83.06	238.73	83.76	238.48	84.46	238.24	85.15	237.99	85.84	237.74	86.53
54	239.92	83.39	239.68	84.09	239.42	84.79	239.18	85.48	238.93	86.18	238.68	86.87
55	240.86	83.72	240.62	84.42	240.37	85.12	240.13	85.82	239.87	86.52	239.62	87.22
56	241.81	84.05	241.56	84.75	241.31	85.45	241.07	86.16	240.81	86.86	240.56	87.56
57	242.75	84.38	242.51	85.08	242.25	85.79	242.01	86.49	241.76	87.20	241.50	87.90
58	243.70	84.71	243.45	85.41	243.19	86.12	242.95	86.83	242.70	87.54	242.44	88.24
59	244.64	85.03	244.39	85.75	244.14	86.46	243.89	87.17	243.64	87.87	243.38	88.58
260	245.59	85.36	245.34	86.08	245.08	86.79	244.83	87.50	244.58	88.21	244.32	88.93
61	246.53	85.69	246.28	86.41	246.02	87.12	245.78	87.84	245.52	88.55	245.26	89.27
62	247.48	86.02	247.23	86.74	246.97	87.46	246.72	88.18	246.46	88.89	246.20	89.61
63	248.42	86.35	248.17	87.07	247.91	87.79	247.66	88.51	247.40	89.23	247.14	89.95
64	249.37	86.68	249.11	87.40	248.85	88.13	248.60	88.85	248.34	89.57	248.08	90.29
65	250.31	87.00	250.06	87.73	249.79	88.46	249.54	89.18	249.28	89.91	249.02	90.64
66	251.25	87.33	251.00	88.06	250.74	88.79	250.48	89.52	250.22	90.25	249.96	90.98
67	252.20	87.66	251.94	88.39	251.68	89.13	251.43	89.86	251.16	90.59	250.90	91.32
68	253.14	87.99	252.89	88.72	252.62	89.46	252.37	90.19	252.10	90.93	251.84	91.66
69	254.09	88.32	253.83	89.06	253.56	89.79	253.31	90.53	253.04	91.27	252.78	92.00
270	255.03	88.65	254.77	89.39	254.51	90.13	254.25	90.87	253.98	91.61	253.72	92.35
71	255.98	88.97	255.72	89.72	255.45	90.46	255.19	91.20	254.92	91.95	254.66	92.69
72	256.92	89.30	256.66	90.05	256.39	90.80	256.13	91.54	255.87	92.29	255.60	93.03
73	257.87	89.63	257.61	90.38	257.33	91.13	257.08	91.88	256.81	92.62	256.54	93.37
74	258.81	89.96	258.55	90.71	258.28	91.46	258.02	92.21	257.75	92.96	257.48	93.71
75	259.76	90.29	259.49	91.04	259.22	91.80	258.96	92.55	258.69	93.30	258.42	94.06
76	260.70	90.62	260.44	91.37	260.16	92.13	259.90	92.89	259.63	93.64	259.36	94.40
77	261.65	90.94	261.38	91.70	261.10	92.46	260.84	93.22	260.57	93.98	260.29	94.74
78	262.59	91.27	262.32	92.04	262.05	92.80	261.78	93.56	261.51	94.32	261.23	95.08
79	263.53	91.60	263.27	92.37	262.99	93.13	262.73	93.90	262.45	94.66	262.17	95.42
280	264.48	91.93	264.21	92.70	263.93	93.47	263.67	94.23	263.39	95.00	263.11	95.77
81	265.42	92.26	265.15	93.03	264.88	93.80	264.61	94.57	264.33	95.34	264.05	96.11
82	266.37	92.59	266.10	93.36	265.82	94.13	265.55	94.91	265.27	95.68	264.99	96.45
83	267.31	92.91	267.04	93.69	266.76	94.47	266.49	95.24	266.21	96.02	265.93	96.79
84	268.26	93.24	267.98	94.02	267.70	94.80	267.43	95.58	267.15	96.36	266.87	97.13
85	269.20	93.57	268.93	94.35	268.65	95.13	268.38	95.92	268.09	96.70	267.81	97.48
86	270.15	93.90	269.87	94.68	269.59	95.47	269.32	96.25	269.04	97.04	268.75	97.82
87	271.09	94.23	270.82	95.02	270.53	95.80	270.26	96.59	269.98	97.37	269.69	98.16
88	272.04	94.56	271.76	95.35	271.47	96.14	271.20	96.93	270.92	97.71	270.63	98.50
89	272.98	94.88	272.70	95.68	272.42	96.47	272.14	97.26	271.86	98.05	271.57	98.84
290	273.92	95.21	273.65	96.01	273.36	96.80	273.08	97.60	272.80	98.39	272.51	99.19
91	274.87	95.54	274.59	96.34	274.30	97.14	274.03	97.94	273.74	98.73	273.45	99.53
92	275.81	95.87	275.53	96.67	275.24	97.47	274.97	98.27	274.68	99.07	274.39	99.87
93	276.76	96.20	276.48	97.00	276.19	97.81	275.91	98.61	275.62	99.41	275.33	100.21
94	277.70	96.53	277.42	97.33	277.13	98.14	276.85	98.94	276.56	99.75	276.27	100.55
95	278.65	96.85	278.36	97.66	278.07	98.47	277.79	99.28	277.50	100.09	277.21	100.90
96	279.59	97.18	279.31	97.99	279.01	98.81	278.73	99.62	278.44	100.43	278.15	101.24
97	280.54	97.51	280.25	98.33	279.96	99.14	279.68	99.95	279.38	100.77	279.09	101.58
98	281.48	97.84	281.20	98.66	280.90	99.47	280.62	100.29	280.32	101.11	280.03	101.92
99	282.43	98.17	282.14	98.99	281.84	99.81	281.56	100.63	281.26	101.45	280.97	102.26
300	283.37	98.50	283.08	99.32	282.79	100.14	282.50	100.96	282.20	101.79	281.91	102.61
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	168,79	65,36	168.60	65.85	168.41	66.34	168.21	66.83	168.02	67.32	167.82	67.80
82	169,72	65,72	169.53	66.21	169.34	66.70	169.14	67.20	168.94	67.69	168.75	68.18
83	170,65	66,08	170.46	66.57	170.27	67.07	170.07	67.56	169.87	68.06	169.67	68.55
84	171,59	66,44	171.39	66.94	171.20	67.44	171.00	67.93	170.80	68.43	170.60	68.93
85	172,52	66,80	172.32	67.30	172.13	67.80	171.93	68.30	171.73	68.80	171.53	69.30
86	173,45	67,16	173.26	67.67	173.06	68.17	172.86	68.67	172.66	69.17	172.46	69.68
87	174,38	67,52	174,19	68.03	173.99	68.54	173.79	69.04	173.59	69.56	173.38	70.05
88	175,32	67,88	175,12	68.39	174.92	68.90	174.72	69.41	174.51	69.92	174.31	70.43
89	176,25	68,24	176.05	68.76	175.85	69.27	175.65	69.78	175.44	70.29	175.24	70.80
190	177.18	68.61	176.98	69,12	176,78	69,64	176,58	70.15	176.37	70.66	176,16	71.18
91	178.11	68.97	177.91	69.48	177,71	70.00	177,51	70.52	177.30	71.03	177.09	71.55
92	179.05	69.33	178.84	69,85	178,64	70,37	178.43	70.89	178.23	71.41	178.02	71.92
93	179,98	69.69	179.78	70.21	179,57	70.73	179.36	71.26	179.16	71.78	178.95	72.30
94	180,91	70.05	180.71	70.58	180,50	71.10	180.29	71.63	180.08	72.15	179.87	72.67
95	181.84	70.41	181.64	70.94	181.43	71,47	181,22	72,00	181,01	72.52	180.80	73.05
96	182,78	70.77	182,57	71.30	182.36	71.83	182.15	72.36	181.94	72,89	181.73	73.42
97	183.71	71.13	183.50	71.67	183,29	72,20	183.08	72.73	182.87	73,27	182.66	73.80
98	184.64	71.49	184.43	72.03	184.22	72,57	184.01	73.10	183,80	73,64	183,58	74,17
99	185.57	71.86	185.36	72.40	185,15	72,93	184.94	73.47	184.73	74,01	184.51	74,55
200	186,51	72.22	186.30	72.76	186.08	73,30	185,87	73,84	185,65	74.38	185.44	74.92
01	187,44	72.58	187.23	73.12	187.01	73,67	186,80	74.21	186,58	74,75	186.36	75.30
02	188.37	72.94	188.16	73.49	187.94	74.03	187.73	74.58	187.51	75.18	187.29	75.67
03	189,30	73.30	189.09	73,85	188.87	74.40	188.66	74.95	188,44	75,50	188.22	76.05
04	190,24	73.66	190.02	74.21	189.81	74.77	189.59	75.32	189.37	75.87	189.15	76.42
05	191,17	74.02	190.95	74.58	190.74	75.13	190,52	75,69	190.29	76,24	190.07	76.79
06	192.10	74.38	191.88	74.94	191.67	75,50	191,45	76.06	191.22	76.61	191.00	77.17
07	193.03	74.74	192.82	75.31	192.60	75,87	192,37	76.43	192.15	76,98	191.93	77.54
08	193,97	75.11	193,75	75.67	193,53	76.23	193.30	76.79	193.08	77.36	192,85	77.92
09	194.90	75.47	194.68	76.03	194.46	76.60	194.23	77,16	194.01	77.73	193.78	78.29
210	195.83	75,83	195,61	76.40	195.39	76,97	195,16	77,53	194.94	78,10	194,71	78.67
11	196.76	76,19	196,54	76.76	196.32	77.33	196,09	77.90	195.86	78.47	195.64	79.04
12	197.70	76.55	197.47	77.12	197.25	77.70	197.02	78.27	196.79	78.84	196.56	79.42
13	198.63	76.91	198,41	77.49	198.18	78.06	197.95	78.64	197.72	79.22	197.49	79.79
14	199.56	77.27	199,34	77.85	199.11	78.43	198.88	79.01	198.65	79.59	198.42	80.17
15	200.49	77,63	200.27	78.22	200.04	78.80	199.81	79.38	199.58	79.96	199.34	80.54
16	201.43	77,99	201,20	78,58	200.97	79.16	200.74	79.75	200.51	80.33	200.27	80,91
17	202.36	78.35	202,13	78.94	201.90	79.53	201.67	80.12	201.43	80.70	201.20	81.29
18	203.29	78,72	203,06	79.31	202.83	79.90	202.60	80.49	202.36	81.08	202.13	81.66
19	204,22	79.08	203,99	79.67	203.76	80,26	203.53	80.86	203.29	81.45	203.05	82.04
220	205.16	79,44	204,93	80,03	204,69	80.63	204.46	81.23	204,22	81,82	203,98	82.41
21	206.09	79,80	205,86	80,40	205,62	81.00	205.39	81.59	205.15	82,19	204,91	82.79
22	207.02	80.16	206.79	80.76	206.55	81,36	206.32	81.96	206.08	82.56	205.83	83.16
23	207.96	80.52	207,72	81.13	207.48	81.73	207,24	82.33	207,00	82.94	206.76	83.54
24	208.89	80.88	208.65	81.49	208.41	82.10	208.17	82.70	207,93	83,31	207.69	83.91
25	209,82	81.24	209.58	81.85	209.34	82.46	209.10	83.07	208.86	83.68	208,62	84.29
26	210.75	81,60	210.51	82,22	210.27	82,83	210,03	83,44	209.79	84.05	209.54	84.66
27	211.69	81.97	211.45	82.58	211.20	83.20	210,96	83.81	210.72	84.42	210.47	85.04
28	212.62	82.33	212.38	82.95	212.14	83,56	211.89	84.18	211,65	84,80	211,40	85.41
29	213.55	82.69	213.31	83.31	213.07	83.93	212.82	84.55	212,57	85.17	212.32	85.78
230	214.48	83.05	214.24	83,67	214.00	84.30	213.75	84,92	213,50	85,54	213,25	86.16
31	215.42	83.41	215.17	84.04	214.93	84.66	214.68	85.29	214.43	85,91	214,18	86.53
32	216.35	83.77	216.10	84.40	215.86	85.03	215.61	85.66	215.36	86,28	215.11	86.91
33	217.28	84.13	217.03	84.76	216.79	85.39	216.54	86.02	216.29	86.65	216.03	87.28
34	218.21	84.49	217.97	85.13	217.72	85.76	217.47	86,39	217.21	87.03	216.96	87.66
35	219.15	84.85	218.90	85.49	218.65	86.13	218.40	86,76	218.14	87.40	217.89	88.03
36	220.08	85.22	219.83	85.86	219.58	86.49	219.33	87.13	219.07	87.77	218.82	88.41
37	221.01	85.58	220.76	86.22	220.51	86.86	220.26	87.50	220.00	88.14	219.74	88.78
38	221.94	85.94	221.69	86.58	221.44	87.23	221.18	87.87	220,93	88.51	220.67	89.16
39	222.88	86.30	222.62	86.95	222.37	87.59	222.11	88.24	221.86	88.89	221.60	89.53
240	223.81	86.66	223.55	87.31	223.30	87.96	223.04	88.61	222.78	89.26	222.52	89.91

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	224.74	87.02	224.49	87.67	224.23	88.33	223.97	88.98	223.71	89.63	223.45	90.28
42	225.67	87.38	225.42	88.04	225.16	88.69	224.90	89.35	224.64	90.00	224.38	90.65
43	226.61	87.74	226.35	88.40	226.09	89.06	225.83	89.72	225.57	90.37	225.31	91.03
44	227.54	88.10	227.28	88.77	227.02	89.43	226.76	90.09	226.50	90.75	226.23	91.40
45	228.47	88.47	228.21	89.13	227.95	89.79	227.69	90.46	227.43	91.12	227.16	91.78
46	229.40	88.83	229.14	89.49	228.88	90.16	228.62	90.82	228.35	91.49	228.09	92.15
47	230.34	89.19	230.08	89.86	229.81	90.53	229.55	91.19	229.28	91.86	229.01	92.53
48	231.27	89.55	231.01	90.22	230.74	90.89	230.48	91.56	230.21	92.23	229.94	92.90
49	232.20	89.91	231.94	90.58	231.67	91.26	231.41	91.93	231.14	92.61	230.87	93.28
250	233.13	90.27	232.87	90.95	232.60	91.63	232.34	92.30	232.07	92.98	231.80	93.65
51	234.07	90.63	233.80	91.31	233.53	91.99	233.27	92.67	233.00	93.35	232.72	94.03
52	235.00	90.99	234.73	91.68	234.47	92.36	234.20	93.04	233.92	93.72	233.65	94.40
53	235.93	91.35	235.66	92.04	235.40	92.72	235.12	93.41	234.85	94.09	234.58	94.78
54	236.86	91.71	236.60	92.40	236.33	93.09	236.05	93.78	235.78	94.46	235.50	95.15
55	237.80	92.08	237.53	92.77	237.26	93.46	236.98	94.15	236.71	94.84	236.43	95.52
56	238.73	92.44	238.46	93.13	238.19	93.82	237.91	94.52	237.64	95.21	237.36	95.90
57	239.66	92.80	239.39	93.50	239.12	94.19	238.84	94.89	238.56	95.58	238.29	96.27
58	240.59	93.16	240.32	93.86	240.05	94.56	239.77	95.26	239.49	95.95	239.21	96.65
59	241.53	93.52	241.25	94.22	240 98	94.92	240.70	95.62	240.42	96.32	240.14	97.02
260	242.46	93.88	242.18	94.59	241.91	95.29	241.63	95.99	241.35	96.70	241.07	97.40
61	243.39	94.24	243.12	94.95	242.84	95.66	242.56	96.36	242.28	97.07	241.99	97.77
62	244.32	94.60	244.05	95.31	243.77	96.02	243.49	96.73	243.21	97.44	242.92	98.15
63	245.26	94.96	244.98	95.68	244.70	96.39	244.42	97.10	244.13	97.81	243 85	98.52
64	246.19	95.33	245.91	96.04	245.63	96.76	245.35	97.47	245.06	98.18	244.78	98.90
65	247.12	95.69	246.84	96.41	246.56	97.12	246.28	97.84	245.99	98.56	245.70	99.27
66	248.05	96.05	247.77	96.77	247.49	97.49	247.21	98.21	246.92	98.93	246.63	99.65
67	248.99	96.41	248.70	97.13	248.42	97.86	248.14	98.58	247.85	99.30	247.56	100.02
68	249.92	96.77	249.64	97.50	249.35	98.22	249.06	98.95	248.78	99.67	248.49	100.39
69	250.85	97.13	250.57	97.86	250.28	98.59	249.99	99.32	249.70	100.04	249.41	100.77
270	251.78	97.49	251.50	98.22	251.21	98.96	250.92	99.69	250.63	100.42	250.34	101.14
71	252.72	97.85	252.43	98.59	252.14	99.32	251.85	100.05	251.56	100.79	251.27	101.52
72	253.65	98.21	253.36	98.95	253.07	99.69	252.78	100.42	252.49	101.16	252.19	101.89
73	254.58	98.58	254.29	99.32	254.00	100.05	253.71	100.79	253.42	101.53	253.12	102.27
74	255.51	98.94	255.23	99.68	254.93	100.42	254.64	101.16	254.35	101.90	254.05	102.64
75	256.45	99.30	256.16	100.04	255.86	100.79	255.57	101.53	255.27	102.27	254.98	103.02
76	257.38	99.66	257.09	100.41	256.80	101.15	256.50	101.90	256.20	102.65	255.90	103.39
77	258.31	100.02	258.02	100.77	257.73	101.52	257.43	102.27	257.13	103.02	256.83	103.77
78	259.24	100.38	258.95	101.13	258.66	101.89	258.36	102.64	258.06	103.39	257.76	104.14
79	260.18	100.74	259.88	101.50	259.59	102.25	259.29	103.01	258.99	103.76	258.68	104.52
280	261.11	101.10	260.81	101.86	260.52	102.62	260.22	103.38	259.92	104.13	259.61	104.89
81	262.04	101.46	261.75	102.23	261.45	102.99	261.15	103.75	260.84	104.51	260.54	105.26
82	262.97	101.83	262.68	102.59	262 38	103.35	262.08	104.12	261.77	104.88	261.47	105.64
83	263.91	102.19	263.61	102.95	263.31	103.72	263.01	104.49	262.70	105.25	262.39	106.01
84	264.84	102.55	264.54	103.32	264.24	104.09	263.93	104.85	263.63	105.62	263.32	106.39
85	265.77	102.91	265.47	103.68	265.17	104.45	264.86	105.22	264.56	105.99	264.25	106.76
86	266.70	103.27	266.40	104.05	266.10	104.82	265.79	105.59	265.48	106.37	265.17	107.14
87	267.64	103.63	267.33	104.41	267.03	105.19	266.72	105.96	266.41	106.74	266.10	107.51
88	268.57	103.99	268.27	104.77	267.96	105.55	267.65	106.33	267.34	107.11	267.03	107.89
89	269.50	104.36	269.20	105.14	268.89	105.92	268.58	106.70	268.27	107.48	267.96	108.26
290	270.43	104.71	270.13	105.50	269.82	106.29	269.51	107.07	269.20	107.85	268.88	108.64
91	271.37	105.07	271.06	105.86	270.75	106.65	270.44	107.44	270.13	108.23	269.81	109.01
92	272.30	105.44	271.99	106.23	271.68	107.02	271.37	107.81	271.05	108.60	270.74	109.38
93	273.23	105.80	272.92	106.59	272.61	107.38	272.30	108.18	271.98	108.97	271.66	109.76
94	274.16	106.16	273.85	106.96	273.54	107.75	273.23	108.55	272.91	109.34	272.59	110.13
95	275.10	106.52	274.79	107.32	274.47	108.12	274.16	108.92	273.84	109.71	273.52	110.51
96	276.03	106.88	275.72	107.68	275.40	108.48	275.09	109.28	274.77	110.08	274.45	110.88
97	276.96	107.24	276.65	108.05	276.33	108.85	276.02	109.65	275.70	110.46	275.37	111.26
98	277.90	107.60	277.58	108.41	277.26	109.22	276.95	110.02	276.62	110.83	276.30	111.63
99	278.83	107.96	278.51	108.77	278.19	109.58	277.87	110.39	277.55	111.20	277.23	112.01
300	279.76	108.32	279.44	109.14	279.13	109.95	278.80	110.76	278.48	111.57	278.15	112.38

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.93	0.38	0.92	0.38	0.92	0.38	0.92	0.39	0.92	0.39	0.92	0.39
2	1.85	0.75	1.85	0.76	1.85	0.77	1.85	0.77	1.84	0.78	1.84	0.78
3	2.78	1.13	2.77	1.14	2.77	1.15	2.77	1.16	2.76	1.16	2.76	1.17
4	3.70	1.51	3.70	1.52	3.70	1.53	3.69	1.54	3.69	1.55	3.68	1.56
5	4.63	1.89	4.62	1.90	4.62	1.91	4.61	1.93	4.61	1.94	4.60	1.95
6	5.56	2.26	5.55	2.28	5.54	2.30	5.54	2.31	5.53	2.33	5.52	2.34
7	6.48	2.64	6.47	2.66	6.47	2.68	6.46	2.70	6.45	2.72	6.44	2.74
8	7.41	3.02	7.40	3.04	7.39	3.06	7.38	3.08	7.37	3.10	7.36	3.13
9	8.33	3.40	8.32	3.42	8.31	3.44	8.30	3.47	8.29	3.49	8.28	3.52
10	9.26	3.77	9.25	3.80	9.24	3.83	9.23	3.85	9.22	3.88	9.21	3.91
11	10.19	4.15	10.17	4.18	10.16	4.21	10.15	4.24	10.14	4.27	10.13	4.30
12	11.11	4.53	11.10	4.56	11.09	4.59	11.07	4.62	11.06	4.66	11.05	4.69
13	12.04	4.90	12.02	4.94	12.01	4.97	12.00	5.01	11.98	5.04	11.97	5.08
14	12.97	5.28	12.95	5.32	12.93	5.36	12.92	5.40	12.90	5.43	12.89	5.47
15	13.89	5.66	13.87	5.70	13.86	5.74	13.84	5.78	13.82	5.82	13.81	5.86
16	14.82	6.04	14.80	6.08	14.78	6.12	14.76	6.17	14.75	6.21	14.73	6.25
17	15.74	6.41	15.72	6.46	15.71	6.51	15.69	6.55	15.67	6.60	15.65	6.64
18	16.67	6.79	16.65	6.84	16.63	6.89	16.61	6.94	16.59	6.98	16.57	7.03
19	17.60	7.17	17.57	7.22	17.55	7.27	17.53	7.32	17.51	7.37	17.49	7.42
20	18.52	7.55	18.50	7.60	18.48	7.65	18.46	7.71	18.43	7.76	18.41	7.81
21	19.45	7.92	19.42	7.98	19.40	8.04	19.38	8.09	19.35	8.15	19.33	8.21
22	20.37	8.30	20.35	8.36	20.33	8.42	20.30	8.48	20.28	8.54	20.25	8.60
23	21.30	8.68	21.27	8.74	21.25	8.80	21.22	8.86	21.20	8.93	21.17	8.99
24	22.23	9.06	22.20	9.12	22.17	9.18	22.15	9.25	22.12	9.31	22.09	9.38
25	23.15	9.43	23.12	9.50	23.10	9.57	23.07	9.63	23.04	9.70	23.01	9.77
26	24.08	9.81	24.05	9.88	24.02	9.95	23.99	10.02	23.96	10.09	23.93	10.16
27	25.00	10.19	24.97	10.26	24.94	10.33	24.91	10.40	24.88	10.48	24.85	10.55
28	25.93	10.56	25.90	10.64	25.87	10.71	25.84	10.79	25.81	10.87	25.77	10.94
29	26.86	10.94	26.82	11.02	26.79	11.10	26.76	11.18	26.73	11.25	26.69	11.33
30	27.78	11.32	27.75	11.40	27.72	11.48	27.68	11.56	27.65	11.64	27.62	11.72
31	28.71	11.70	28.67	11.78	28.64	11.86	28.61	11.95	28.57	12.03	28.54	12.11
32	29.63	12.07	29.60	12.16	29.56	12.25	29.53	12.33	29.49	12.42	29.46	12.50
33	30.56	12.45	30.52	12.54	30.49	12.63	30.45	12.72	30.41	12.81	30.38	12.89
34	31.49	12.83	31.45	12.92	31.41	13.01	31.37	13.10	31.34	13.19	31.30	13.28
35	32.41	13.21	32.37	13.30	32.34	13.39	32.30	13.49	32.26	13.58	32.22	13.68
36	33.34	13.58	33.30	13.68	33.26	13.78	33.22	13.87	33.18	13.97	33.14	14.07
37	34.27	13.96	34.22	14.06	34.18	14.16	34.14	14.26	34.10	14.36	34.06	14.46
38	35.19	14.34	35.15	14.44	35.11	14.54	35.07	14.64	35.02	14.75	34.98	14.85
39	36.12	14.71	36.07	14.82	36.03	14.92	35.99	15.03	35.94	15.13	35.90	15.24
40	37.04	15.09	37.00	15.20	36.96	15.31	36.91	15.41	36.87	15.52	36.82	15.63
41	37.97	15.47	37.92	15.58	37.88	15.69	37.83	15.80	37.79	15.91	37.74	16.02
42	38.90	15.85	38.85	15.96	38.80	16.07	38.76	16.19	38.71	16.30	38.66	16.41
43	39.82	16.22	39.77	16.34	39.73	16.46	39.68	16.57	39.63	16.69	39.58	16.80
44	40.75	16.60	40.70	16.72	40.65	16.84	40.60	16.96	40.55	17.07	40.50	17.19
45	41.67	16.98	41.62	17.10	41.57	17.22	41.52	17.34	41.47	17.46	41.42	17.58
46	42.60	17.36	42.55	17.48	42.50	17.60	42.45	17.73	42.40	17.85	42.34	17.97
47	43.53	17.73	43.47	17.86	43.42	17.99	43.37	18.11	43.32	18.24	43.26	18.36
48	44.45	18.11	44.40	18.24	44.35	18.37	44.29	18.50	44.24	18.63	44.18	18.76
49	45.38	18.49	45.32	18.62	45.27	18.75	45.22	18.88	45.16	19.01	45.10	19.15
50	46.30	18.87	46.25	19.00	46.19	19.13	46.14	19.27	46.08	19.40	46.03	19.54
51	47.23	19.24	47.17	19.38	47.12	19.52	47.06	19.65	47.00	19.79	46.95	19.93
52	48.16	19.62	48.10	19.76	48.04	19.90	47.98	20.04	47.93	20.18	47.87	20.32
53	49.08	20.00	49.02	20.14	48.97	20.28	48.91	20.42	48.8	20.57	48.79	20.71
54	50.01	20.37	49.95	20.52	49.89	20.66	49.83	20.81	49.77	20.95	49.71	21.10
55	50.93	20.75	50.87	20.90	50.81	21.05	50.75	21.20	50.69	21.34	50.63	21.49
56	51.86	21.13	51.80	21.28	51.74	21.43	51.67	21.58	51.61	21.73	51.55	21.88
57	52.79	21.51	52.72	21.66	52.66	21.81	52.60	21.97	52.53	22.12	52.47	22.27
58	53.71	21.88	53.65	22.04	53.58	22.20	53.52	22.35	53.46	22.51	53.39	22.66
59	54.64	22.26	54.57	22.42	54.51	22.58	54.44	22.74	54.38	22.90	54.31	23.05
60	55.57	22.64	55.50	22.80	55.43	22.96	55.37	23.12	55.30	23.28	55.22	23.44
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
51	56.49	23.02	56.42	23.10	56.36	23.34	56.29	23.51	56.22	23.67	56.15	23.83
52	57.42	23.39	57.35	23.56	57.28	23.73	57.21	23.89	57.14	24.06	57.07	24.23
53	58.34	23.77	58.27	23.94	58.20	24.11	58.13	24.28	58.06	24.45	57.99	24.62
54	59.27	24.15	59.20	24.32	59.13	24.49	59.06	24.66	58.98	24.84	58.91	25.01
55	60.20	24.52	60.12	24.70	60.05	24.87	59.98	25.05	59.91	25.22	59.83	25.40
56	61.12	24.90	61.05	25.08	60.98	25.26	60.90	25.43	60.83	25.61	60.75	25.79
57	62.05	25.28	61.97	25.46	61.90	25.64	61.83	25.82	61.75	26.00	61.67	26.18
58	62.97	25.66	62.90	25.84	62.82	26.02	62.75	26.21	62.67	26.39	62.59	26.57
59	63.90	26.03	63.82	26.22	63.75	26.41	63.67	26.59	63.59	26.78	63.51	26.96
70	64.83	26.41	64.75	26.60	64.67	26.79	64.59	26.98	64.51	27.16	64.44	27.35
71	65.75	26.79	65.67	26.98	65.60	27.17	65.52	27.36	65.44	27.55	65.36	27.74
72	66.68	27.17	66.60	27.36	66.52	27.55	66.44	27.75	66.36	27.94	66.28	28.13
73	67.60	27.54	67.52	27.74	67.44	27.94	67.36	28.13	67.28	28.33	67.20	28.52
74	68.53	27.92	68.45	28.12	68.37	28.32	68.28	28.52	68.20	28.72	68.12	28.91
75	69.46	28.30	69.37	28.50	69.29	28.70	69.21	28.90	69.12	29.10	69.04	29.30
76	70.38	28.67	70.30	28.88	70.21	29.08	70.13	29.29	70.04	29.49	69.96	29.70
77	71.31	29.05	71.22	29.26	71.14	29.47	71.05	29.67	70.97	29.88	70.88	30.09
78	72.23	29.43	72.15	29.64	72.06	29.85	71.98	30.06	71.89	30.27	71.80	30.48
79	73.16	29.81	73.07	30.02	72.99	30.23	72.90	30.44	72.81	30.66	72.72	30.87
80	74.08	30.18	74.00	30.40	73.91	30.61	73.82	30.83	73.73	31.04	73.64	31.26
81	75.01	30.56	74.92	30.78	74.83	31.00	74.74	31.21	74.65	31.43	74.56	31.65
82	75.94	30.94	75.85	31.16	75.76	31.38	75.67	31.60	75.57	31.82	75.48	32.04
83	76.87	31.32	76.77	31.54	76.68	31.76	76.59	31.99	76.50	32.21	76.40	32.43
84	77.79	31.69	77.70	31.92	77.61	32.15	77.51	32.37	77.42	32.60	77.32	32.82
85	78.72	32.07	78.62	32.30	78.53	32.53	78.43	32.76	78.34	32.98	78.24	33.21
86	79.64	32.45	79.55	32.68	79.45	32.91	79.36	33.14	79.26	33.37	79.16	33.60
87	80.57	32.83	80.47	33.06	80.38	33.29	80.28	33.53	80.18	33.76	80.08	33.99
88	81.50	33.20	81.40	33.44	81.30	33.68	81.20	33.91	81.10	34.15	81.00	34.38
89	82.42	33.58	82.32	33.82	82.23	34.06	82.13	34.30	82.03	34.54	81.92	34.78
90	83.35	33.96	83.25	34.20	83.15	34.44	83.05	34.68	82.95	34.92	82.85	35.17
91	84.27	34.33	84.17	34.58	84.07	34.82	83.97	35.07	83.87	35.31	83.77	35.56
92	85.20	34.71	85.10	34.96	85.00	35.21	84.89	35.45	84.79	35.70	84.69	35.95
93	86.13	35.09	86.02	35.34	85.92	35.59	85.82	35.84	85.71	36.09	85.61	36.34
94	87.05	35.47	86.95	35.72	86.84	35.97	86.74	36.22	86.63	36.48	86.53	36.73
95	87.98	35.84	87.87	36.10	87.77	36.35	87.66	36.61	87.56	36.86	87.45	37.12
96	88.90	36.22	88.80	36.48	88.69	36.74	88.59	37.00	88.48	37.25	88.37	37.51
97	89.83	36.60	89.72	36.86	89.62	37.12	89.51	37.38	89.40	37.64	89.29	37.90
98	90.76	36.98	90.65	37.24	90.54	37.50	90.43	37.77	90.32	38.03	90.21	38.29
99	91.68	37.35	91.57	37.62	91.46	37.89	91.35	38.15	91.24	38.42	91.13	38.68
100	92.61	37.73	92.50	38.00	92.39	38.27	92.28	38.54	92.16	38.81	92.05	39.07
01	93.53	38.11	93.42	38.38	93.31	38.65	93.20	38.92	93.09	39.19	92.97	39.46
02	94.46	38.48	94.35	38.76	94.24	39.03	94.12	39.31	94.01	39.58	93.89	39.85
03	95.39	38.86	95.27	39.14	95.16	39.42	95.04	39.69	94.93	39.97	94.81	40.25
04	96.31	39.24	96.20	39.52	96.08	39.80	95.97	40.08	95.85	40.36	95.73	40.64
05	97.24	39.62	97.12	39.90	97.01	40.18	96.89	40.46	96.77	40.75	96.65	41.03
06	98.17	39.99	98.05	40.28	97.93	40.56	97.81	40.85	97.69	41.13	97.57	41.42
07	99.09	40.37	98.97	40.66	98.85	40.95	98.74	41.23	98.62	41.52	98.49	41.81
08	100.02	40.75	99.90	41.04	99.78	41.33	99.66	41.62	99.54	41.91	99.41	42.20
09	100.94	41.13	100.82	41.42	100.70	41.71	100.58	42.01	100.46	42.30	100.33	42.59
110	101.87	41.50	101.75	41.80	101.63	42.10	101.50	42.39	101.38	42.69	101.26	42.98
11	102.80	41.88	102.67	42.18	102.55	42.48	102.43	42.78	102.30	43.07	102.18	43.37
12	103.72	42.26	103.60	42.56	103.47	42.86	103.35	43.16	103.22	43.46	103.10	43.76
13	104.65	42.64	104.52	42.94	104.40	43.24	104.27	43.55	104.15	43.85	104.02	44.15
14	105.57	43.01	105.45	43.32	105.32	43.63	105.20	43.93	105.07	44.24	104.94	44.54
15	106.50	43.39	106.37	43.70	106.25	44.01	106.12	44.32	105.99	44.63	105.86	44.93
16	107.43	43.77	107.30	44.08	107.17	44.39	107.04	44.70	106.91	45.01	106.78	45.32
17	108.35	44.14	108.22	44.46	108.09	44.77	107.97	45.09	107.83	45.40	107.70	45.72
18	109.28	44.52	109.15	44.84	109.02	45.16	108.89	45.47	108.75	45.79	108.62	46.11
19	110.20	44.90	110.07	45.22	109.94	45.54	109.81	45.86	109.67	46.18	109.54	46.50
120	111.13	45.28	111.00	45.60	110.87	45.92	110.73	46.24	110.60	46.57	110.46	46.89
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10		D. L. 0'	

Dis.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	226.22	83.09	225.98	83.74	225.74	84.40	225.49	85.06	225.24	85.71	224.99	86.37
42	227.16	83.43	226.92	84.09	226.68	84.75	226.43	85.41	226.18	86.07	225.93	86.73
43	228.10	83.77	227.86	84.44	227.61	85.10	227.36	85.76	227.11	86.42	226.86	87.08
44	229.04	84.12	228.80	84.79	228.55	85.45	228.30	86.11	228.05	86.78	227.79	87.44
45	229.98	84.46	229.73	85.13	229.49	85.80	229.23	86.47	228.98	87.13	228.73	87.80
46	230.92	84.81	230.67	85.48	230.42	86.15	230.17	86.82	229.92	87.49	229.66	88.16
47	231.86	85.15	231.61	85.85	231.36	86.50	231.11	87.17	230.85	87.85	230.60	88.52
48	232.80	85.50	232.55	86.18	232.30	86.85	232.04	87.53	231.79	88.20	231.53	88.88
49	233.73	85.84	233.48	86.52	233.23	87.20	232.98	87.88	232.72	88.56	232.46	89.23
250	234.67	86.19	234.42	86.87	234.17	87.55	233.91	88.23	233.66	88.91	233.40	89.59
51	235.61	86.53	235.36	87.22	235.11	87.90	234.85	88.59	234.59	89.27	234.33	89.95
52	236.55	86.88	236.30	87.57	236.04	88.25	235.78	88.94	235.52	89.62	235.26	90.31
53	237.49	87.22	237.23	87.91	236.98	88.60	236.72	89.29	236.46	89.98	236.20	90.67
54	238.43	87.57	238.17	88.26	237.92	88.95	237.66	89.64	237.39	90.34	237.13	91.03
55	239.37	87.91	239.11	88.61	238.85	89.30	238.59	90.00	238.33	90.69	238.06	91.38
56	240.30	88.26	240.05	88.96	239.79	89.65	239.53	90.35	239.26	91.05	239.00	91.74
57	241.24	88.60	240.99	89.30	240.73	90.00	240.46	90.70	240.20	91.40	239.93	92.10
58	242.18	88.95	241.92	89.65	241.66	90.35	241.40	91.06	241.13	91.76	240.86	92.46
59	243.12	89.29	242.86	90.00	242.60	90.70	242.33	91.41	242.07	92.11	241.80	92.82
260	244.06	89.64	243.80	90.35	243.54	91.06	243.27	91.76	243.00	92.47	242.73	93.18
61	245.00	89.98	244.74	90.69	244.47	91.40	244.20	92.11	243.94	92.82	243.67	93.53
62	245.94	90.33	245.67	91.04	245.41	91.75	245.14	92.47	244.87	93.18	244.60	93.89
63	246.88	90.67	246.61	91.39	246.35	92.10	246.08	92.82	245.81	93.54	245.53	94.25
64	247.81	91.01	247.55	91.73	247.28	92.45	247.01	93.17	246.74	93.89	246.47	94.61
65	248.75	91.36	248.49	92.08	248.22	92.80	247.95	93.53	247.67	94.25	247.40	94.97
66	249.69	91.70	249.42	92.43	249.16	93.16	248.88	93.88	248.61	94.60	248.33	95.33
67	250.63	92.05	250.36	92.78	250.09	93.51	249.82	94.23	249.54	94.96	249.27	95.68
68	251.57	92.39	251.30	93.12	251.03	93.86	250.75	94.59	250.48	95.31	250.20	96.04
69	252.51	92.74	252.24	93.47	251.97	94.21	251.69	94.94	251.41	95.67	251.13	96.40
270	253.45	93.08	253.18	93.82	252.90	94.56	252.63	95.29	252.35	96.03	252.07	96.76
71	254.38	93.43	254.11	94.17	253.84	94.91	253.56	95.64	253.28	96.38	253.00	97.12
72	255.32	93.77	255.05	94.51	254.78	95.26	254.50	96.00	254.22	96.74	253.93	97.48
73	256.26	94.12	255.99	94.86	255.71	95.61	255.43	96.35	255.15	97.09	254.87	97.83
74	257.20	94.46	256.93	95.21	256.65	95.96	256.37	96.70	256.09	97.45	255.80	98.19
75	258.14	94.81	257.86	95.56	257.59	96.31	257.30	97.06	257.02	97.80	256.74	98.55
76	259.08	95.15	258.80	95.90	258.52	96.66	258.24	97.41	257.96	98.16	257.67	98.91
77	260.02	95.50	259.74	96.25	259.46	97.01	259.18	97.76	258.89	98.52	258.60	99.27
78	260.96	95.84	260.68	96.60	260.40	97.36	260.11	98.11	259.82	98.87	259.54	99.63
79	261.89	96.19	261.61	96.95	261.33	97.71	261.05	98.47	260.76	99.23	260.47	99.98
280	262.83	96.53	262.55	97.29	262.27	98.06	261.98	98.82	261.69	99.58	261.40	100.34
81	263.77	96.88	263.49	97.64	263.21	98.41	262.92	99.17	262.63	99.94	262.34	100.70
82	264.71	97.22	264.43	97.99	264.14	98.76	263.85	99.53	263.56	100.29	263.27	101.06
83	265.65	97.56	265.37	98.34	265.08	99.11	264.79	99.88	264.50	100.65	264.20	101.42
84	266.59	97.91	266.30	98.68	266.02	99.46	265.72	100.23	265.43	101.00	265.14	101.78
85	267.53	98.25	267.24	99.03	266.95	99.81	266.66	100.59	266.37	101.36	266.07	102.13
86	268.47	98.60	268.18	99.38	267.89	100.16	267.60	100.94	267.30	101.72	267.00	102.49
87	269.40	98.94	269.12	99.73	268.83	100.51	268.53	101.29	268.24	102.07	267.94	102.85
88	270.34	99.29	270.05	100.07	269.76	100.86	269.47	101.64	269.17	102.43	268.87	103.21
89	271.28	99.63	270.99	100.42	270.70	101.21	270.40	102.00	270.11	102.78	269.81	103.57
290	272.22	99.98	271.93	100.77	271.64	101.56	271.34	102.35	271.04	103.14	270.74	103.93
91	273.16	100.32	272.87	101.12	272.57	101.91	272.27	102.70	271.98	103.49	271.67	104.29
92	274.10	100.67	273.80	101.46	273.51	102.26	273.21	103.06	272.91	103.85	272.61	104.64
93	275.04	101.01	274.74	101.81	274.45	102.61	274.15	103.41	273.84	104.21	273.54	105.00
94	275.97	101.36	275.68	102.16	275.38	102.96	275.08	103.76	274.78	104.56	274.47	105.36
95	276.91	101.70	276.62	102.51	276.32	103.31	276.02	104.11	275.71	104.92	275.41	105.72
96	277.85	102.05	277.56	102.85	277.26	103.66	276.9	104.47	276.65	105.27	276.34	106.08
97	278.79	102.39	278.49	103.20	278.19	104.01	277.89	104.82	277.58	105.63	277.27	106.44
98	279.73	102.74	279.43	103.55	279.13	104.36	278.82	105.17	278.52	105.98	278.21	106.80
99	280.67	103.08	280.37	103.90	280.07	104.71	279.76	105.53	279.45	106.34	279.14	107.15
300	281.61	103.43	281.31	104.24	281.0	105.06	280.70	105.88	280.39	106.69	280.07	107.51

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.93	0.36	0.93	0.36	0.93	0.37	0.93	0.37	0.93	0.37	0.93	0.37
2	1.87	0.72	1.86	0.73	1.86	0.73	1.86	0.74	1.86	0.74	1.85	0.75
3	2.80	1.08	2.79	1.09	2.79	1.10	2.79	1.11	2.78	1.12	2.78	1.12
4	3.73	1.44	3.73	1.46	3.72	1.47	3.72	1.48	3.71	1.49	3.71	1.50
5	4.66	1.81	4.66	1.82	4.65	1.83	4.65	1.85	4.64	1.86	4.64	1.87
6	5.60	2.17	5.59	2.18	5.58	2.20	5.58	2.22	5.57	2.23	5.56	2.25
7	6.53	2.53	6.52	2.55	6.51	2.57	6.51	2.58	6.50	2.60	6.49	2.62
8	7.46	2.89	7.45	2.91	7.44	2.93	7.43	2.95	7.43	2.98	7.42	3.00
9	8.39	3.25	8.38	3.27	8.37	3.30	8.36	3.32	8.35	3.35	8.34	3.37
10	9.33	3.61	9.31	3.64	9.30	3.67	9.29	3.69	9.28	3.72	9.27	3.75
11	10.26	3.97	10.25	4.00	10.23	4.03	10.22	4.06	10.21	4.09	10.20	4.12
12	11.19	4.33	11.18	4.37	11.17	4.40	11.15	4.43	11.14	4.46	11.13	4.50
13	12.12	4.69	12.11	4.73	12.10	4.76	12.08	4.80	12.07	4.83	12.05	4.87
14	13.06	5.06	13.04	5.09	13.03	5.13	13.01	5.17	13.00	5.21	12.98	5.24
15	13.99	5.42	13.97	5.46	13.96	5.50	13.94	5.54	13.92	5.58	13.91	5.62
16	14.92	5.78	14.90	5.82	14.89	5.86	14.87	5.91	14.85	5.95	14.83	5.99
17	15.85	6.14	15.84	6.18	15.82	6.23	15.80	6.28	15.78	6.32	15.76	6.37
18	16.79	6.50	16.77	6.55	16.75	6.60	16.73	6.65	16.71	6.69	16.69	6.74
19	17.72	6.86	17.70	6.91	17.68	6.96	17.66	7.01	17.64	7.06	17.62	7.12
20	18.65	7.22	18.63	7.28	18.61	7.33	18.59	7.38	18.57	7.44	18.54	7.49
21	19.58	7.58	19.56	7.64	19.54	7.70	19.52	7.75	19.49	7.81	19.47	7.87
22	20.52	7.94	20.49	8.00	20.47	8.06	20.45	8.12	20.42	8.18	20.40	8.24
23	21.45	8.30	21.42	8.37	21.40	8.43	21.37	8.49	21.35	8.55	21.33	8.62
24	22.38	8.67	22.36	8.73	22.33	8.80	22.30	8.86	22.28	8.92	22.25	8.99
25	23.31	9.03	23.29	9.09	23.26	9.16	23.23	9.23	23.21	9.30	23.18	9.37
26	24.25	9.39	24.22	9.46	24.19	9.53	24.16	9.60	24.13	9.67	24.11	9.74
27	25.18	9.75	25.15	9.82	25.12	9.90	25.09	9.97	25.06	10.04	25.03	10.11
28	26.11	10.11	26.08	10.19	26.05	10.26	26.02	10.34	25.99	10.41	25.96	10.49
29	27.04	10.47	27.01	10.55	26.98	10.63	26.95	10.71	26.92	10.78	26.89	10.86
30	27.98	10.83	27.94	10.91	27.91	11.00	27.88	11.08	27.85	11.16	27.82	11.24
31	28.91	11.19	28.88	11.28	28.84	11.36	28.81	11.45	28.78	11.53	28.74	11.61
32	29.84	11.55	29.81	11.64	29.77	11.73	29.74	11.81	29.70	11.90	29.67	11.99
33	30.77	11.92	30.74	12.01	30.70	12.09	30.67	12.18	30.63	12.27	30.60	12.36
34	31.71	12.28	31.67	12.37	31.63	12.46	31.60	12.55	31.56	12.64	31.52	12.74
35	32.64	12.64	32.60	12.73	32.56	12.83	32.53	12.92	32.49	13.02	32.45	13.11
36	33.57	13.00	33.53	13.10	33.50	13.19	33.46	13.29	33.42	13.39	33.38	13.49
37	34.50	13.36	34.46	13.46	34.43	13.56	34.39	13.66	34.35	13.76	34.31	13.86
38	35.44	13.72	35.40	13.82	35.36	13.93	35.32	14.03	35.27	14.13	35.23	14.24
39	36.37	14.08	36.33	14.19	36.29	14.29	36.24	14.40	36.20	14.50	36.16	14.61
40	37.30	14.44	37.26	14.55	37.22	14.66	37.17	14.77	37.13	14.88	37.09	14.98
41	38.23	14.80	38.19	14.92	38.15	15.03	38.10	15.14	38.06	15.25	38.01	15.36
42	39.17	15.17	39.12	15.28	39.08	15.39	39.03	15.51	38.99	15.62	38.94	15.73
43	40.10	15.53	40.05	15.64	40.01	15.76	39.96	15.88	39.92	15.99	39.87	16.11
44	41.03	15.89	40.99	16.01	40.94	16.13	40.89	16.25	40.84	16.36	40.80	16.48
45	41.96	16.25	41.92	16.37	41.87	16.49	41.82	16.61	41.77	16.74	41.72	16.86
46	42.90	16.61	42.85	16.73	42.80	16.86	42.75	16.98	42.70	17.11	42.65	17.23
47	43.83	16.97	43.78	17.10	43.73	17.23	43.68	17.35	43.63	17.48	43.58	17.61
48	44.76	17.33	44.71	17.46	44.66	17.59	44.61	17.72	44.56	17.85	44.50	17.98
49	45.69	17.69	45.64	17.83	45.59	17.96	45.54	18.09	45.49	18.22	45.43	18.36
50	46.63	18.05	46.57	18.19	46.52	18.33	46.47	18.46	46.41	18.60	46.36	18.73
51	47.56	18.42	47.51	18.55	47.45	18.69	47.40	18.83	47.34	18.97	47.29	19.10
52	48.49	18.78	48.44	18.92	48.38	19.06	48.33	19.20	48.27	19.34	48.21	19.48
53	49.42	19.14	49.37	19.28	49.31	19.42	49.26	19.57	49.20	19.71	49.14	19.85
54	50.36	19.50	50.30	19.64	50.24	19.79	50.18	19.94	50.13	20.08	50.07	20.23
55	51.29	19.86	51.23	20.01	51.17	20.16	51.11	20.31	51.05	20.45	51.00	20.60
56	52.22	20.22	52.16	20.37	52.10	20.52	52.04	20.68	51.98	20.83	51.92	20.98
57	53.15	20.58	53.09	20.74	53.03	20.89	52.97	21.04	52.91	21.20	52.85	21.35
58	54.09	20.94	54.03	21.10	53.96	21.26	53.90	21.41	53.84	21.57	53.78	21.73
59	55.02	21.30	54.96	21.46	54.89	21.62	54.83	21.78	54.77	21.94	54.70	22.10
60	55.95	21.66	55.89	21.83	55.83	21.99	55.76	22.15	55.70	22.31	55.63	22.48
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	56.88	22.03	56.82	22.19	56.76	22.36	56.69	22.52	56.62	22.69	56.56	22.85
62	57.82	22.39	57.75	22.56	57.69	22.72	57.62	22.89	57.55	23.06	57.49	23.23
63	58.75	22.75	58.68	22.92	58.62	23.09	58.55	23.26	58.48	23.43	58.41	23.60
64	59.68	23.11	59.61	23.28	59.55	23.46	59.48	23.63	59.41	23.80	59.34	23.97
65	60.61	23.47	60.55	23.65	60.48	23.82	60.41	24.00	60.34	24.17	60.27	24.35
66	61.55	23.83	61.48	24.01	61.41	24.19	61.34	24.37	61.27	24.55	61.19	24.72
67	62.48	24.19	62.41	24.37	62.34	24.56	62.27	24.74	62.19	24.92	62.12	25.10
68	63.41	24.55	63.34	24.74	63.27	24.92	63.20	25.11	63.12	25.29	63.05	25.47
69	64.34	24.91	64.27	25.10	64.20	25.29	64.12	25.48	64.05	25.66	63.98	25.85
70	65.28	25.28	65.20	25.47	65.13	25.66	65.05	25.84	64.98	26.03	64.90	26.22
71	66.21	25.64	66.14	25.83	66.06	26.02	65.98	26.21	65.91	26.41	65.83	26.60
72	67.14	26.00	67.07	26.19	66.99	26.39	66.91	26.58	66.84	26.78	66.76	26.97
73	68.07	26.36	68.00	26.56	67.92	26.75	67.84	26.95	67.76	27.15	67.68	27.35
74	69.01	26.72	68.93	26.92	68.85	27.12	68.77	27.32	68.69	27.52	68.61	27.72
75	69.94	27.08	69.86	27.28	69.78	27.49	69.70	27.69	69.62	27.89	69.54	28.10
76	70.87	27.44	70.79	27.65	70.71	27.85	70.63	28.06	70.55	28.27	70.47	28.47
77	71.81	27.80	71.72	28.01	71.64	28.22	71.56	28.43	71.48	28.64	71.39	28.84
78	72.74	28.16	72.66	28.38	72.57	28.59	72.49	28.80	72.40	29.01	72.32	29.22
79	73.67	28.53	73.59	28.74	73.50	28.95	73.42	29.17	73.33	29.38	73.25	29.59
80	74.60	28.89	74.52	29.10	74.43	29.32	74.35	29.54	74.26	29.75	74.17	29.97
81	75.54	29.25	75.45	29.47	75.36	29.69	75.28	29.91	75.19	30.12	75.10	30.34
82	76.47	29.61	76.38	29.83	76.29	30.05	76.21	30.27	76.12	30.50	76.03	30.72
83	77.40	29.97	77.31	30.19	77.22	30.42	77.14	30.64	77.05	30.87	76.96	31.09
84	78.33	30.33	78.24	30.56	78.16	30.79	78.07	31.01	77.97	31.24	77.88	31.47
85	79.27	30.69	79.18	30.92	79.09	31.15	78.99	31.38	78.90	31.61	78.81	31.84
86	80.20	31.05	80.11	31.29	80.02	31.52	79.92	31.75	79.83	31.98	79.74	32.22
87	81.13	31.41	81.04	31.65	80.95	31.89	80.85	32.12	80.76	32.36	80.66	32.59
88	82.06	31.78	81.97	32.01	81.88	32.25	81.78	32.49	81.69	32.73	81.59	32.97
89	83.00	32.14	82.90	32.38	82.81	32.62	82.71	32.86	82.62	33.10	82.52	33.34
90	83.93	32.50	83.83	32.74	83.74	32.99	83.64	33.23	83.54	33.47	83.45	33.71
91	84.86	32.86	84.76	33.11	84.67	33.35	84.57	33.60	84.47	33.84	84.37	34.09
92	85.79	33.22	85.70	33.47	85.60	33.72	85.50	33.97	85.40	34.22	85.30	34.46
93	86.73	33.58	86.63	33.83	86.53	34.08	86.43	34.34	86.33	34.59	86.23	34.84
94	87.66	33.94	87.56	34.20	87.46	34.45	87.36	34.71	87.26	34.96	87.16	35.21
95	88.59	34.30	88.49	34.56	88.39	34.82	88.29	35.07	88.19	35.33	88.08	35.59
96	89.52	34.66	89.42	34.92	89.32	35.18	89.22	35.44	89.11	35.70	89.01	35.96
97	90.46	35.02	90.35	35.29	90.25	35.55	90.15	35.81	90.04	36.08	89.94	36.34
98	91.39	35.39	91.28	35.65	91.18	35.92	91.08	36.18	90.97	36.45	90.86	36.71
99	92.32	35.75	92.22	36.02	92.11	36.28	92.01	36.55	91.90	36.82	91.79	37.09
100	93.25	36.11	93.15	36.38	93.04	36.65	92.93	36.92	92.83	37.19	92.72	37.46
01	94.19	36.47	94.08	36.74	93.97	37.02	93.86	37.29	93.76	37.56	93.65	37.84
02	95.12	36.83	95.01	37.11	94.90	37.38	94.79	37.66	94.68	37.93	94.57	38.21
03	96.05	37.19	95.94	37.47	95.83	37.75	95.72	38.03	95.61	38.31	95.50	38.58
04	96.98	37.55	96.87	37.83	96.76	38.12	96.65	38.40	96.54	38.68	96.43	38.96
05	97.92	37.91	97.81	38.20	97.69	38.48	97.58	38.77	97.47	39.05	97.35	39.33
06	98.85	38.27	98.74	38.56	98.62	38.85	98.51	39.14	98.40	39.42	98.28	39.71
07	99.78	38.64	99.67	38.93	99.55	39.22	99.44	39.51	99.32	39.79	99.21	40.08
08	100.71	39.00	100.60	39.29	100.49	39.58	100.37	39.87	100.25	40.17	100.14	40.46
09	101.65	39.36	101.53	39.65	101.42	39.95	101.30	40.24	101.18	40.54	101.06	40.83
110	102.58	39.72	102.46	40.02	102.35	40.32	102.23	40.61	102.11	40.91	101.99	41.21
11	103.51	40.08	103.39	40.38	103.28	40.68	103.16	40.98	103.04	41.28	102.92	41.58
12	104.44	40.44	104.33	40.74	104.21	41.05	104.09	41.35	103.97	41.65	103.84	41.96
13	105.38	40.80	105.26	41.11	105.14	41.41	105.02	41.72	104.89	42.03	104.77	42.33
14	106.31	41.16	106.19	41.47	106.07	41.78	105.95	42.09	105.82	42.40	105.70	42.71
15	107.24	41.52	107.12	41.84	107.00	42.15	106.87	42.46	106.75	42.77	106.63	43.08
16	108.17	41.89	108.05	42.20	107.93	42.51	107.80	42.83	107.68	43.14	107.56	43.45
17	109.11	42.25	108.98	42.56	108.86	42.88	108.73	43.20	108.61	43.51	108.48	43.83
18	110.04	42.61	109.91	42.93	109.79	43.25	109.66	43.57	109.54	43.89	109.41	44.20
19	110.97	42.97	110.85	43.29	110.72	43.61	110.59	43.94	110.46	44.26	110.33	44.58
120	111.90	43.33	111.78	43.66	111.65	43.98	111.52	44.30	111.39	44.63	111.26	44.95

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'			

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	112.84	43.69	112.71	44.02	112.58	44.35	112.45	44.67	112.32	45.00	112.19	45.33
22	113.77	44.05	113.64	44.38	113.51	44.71	113.38	45.04	113.25	45.37	113.12	45.70
23	114.70	44.41	114.57	44.75	114.44	45.08	114.31	45.41	114.18	45.74	114.04	46.08
24	115.63	44.77	115.50	45.11	115.37	45.45	115.24	45.78	115.11	46.12	114.97	46.45
25	116.57	45.14	116.43	45.47	116.30	45.81	116.17	46.15	116.03	46.49	115.90	46.83
26	117.50	45.50	117.37	45.84	117.23	46.18	117.10	46.52	116.96	46.86	116.83	47.20
27	118.43	45.86	118.30	46.20	118.16	46.55	118.03	46.89	117.89	47.23	117.75	47.57
28	119.36	46.22	119.23	46.57	119.09	46.91	118.96	47.26	118.82	47.60	118.68	47.95
29	120.30	46.58	120.16	46.93	120.02	47.28	119.89	47.63	119.75	47.98	119.61	48.32
130	121.23	46.94	121.09	47.29	120.95	47.65	120.82	48.00	120.67	48.35	120.53	48.70
31	122.16	47.30	122.02	47.66	121.88	48.01	121.74	48.37	121.60	48.72	121.46	49.07
32	123.09	47.66	122.96	48.02	122.82	48.38	122.67	48.74	122.53	49.09	122.39	49.45
33	124.03	48.02	123.89	48.38	123.75	48.74	123.60	49.10	123.46	49.46	123.32	49.82
34	124.96	48.38	124.82	48.75	124.68	49.11	124.53	49.47	124.39	49.84	124.24	50.20
35	125.89	48.75	125.75	49.11	125.61	49.48	125.46	49.84	125.32	50.21	125.17	50.57
36	126.82	49.11	126.68	49.48	126.54	49.84	126.39	50.21	126.24	50.58	126.10	50.95
37	127.76	49.47	127.61	49.84	127.47	50.21	127.32	50.58	127.17	50.95	127.02	51.32
38	128.69	49.83	128.54	50.20	128.40	50.58	128.25	50.95	128.10	51.32	127.95	51.70
39	129.62	50.19	129.48	50.57	129.33	50.94	129.18	51.32	129.03	51.70	128.88	52.07
140	130.55	50.55	130.41	50.93	130.26	51.31	130.11	51.69	129.96	52.07	129.81	52.44
41	131.49	50.91	131.34	51.29	131.19	51.68	131.04	52.06	130.89	52.44	130.73	52.82
42	132.42	51.27	132.27	51.66	132.12	52.04	131.97	52.43	131.81	52.81	131.66	53.19
43	133.35	51.63	133.20	52.02	133.05	52.41	132.90	52.80	132.74	53.18	132.59	53.57
44	134.28	52.00	134.13	52.39	133.98	52.78	133.83	53.17	133.67	53.55	133.51	53.94
45	135.22	52.36	135.06	52.75	134.91	53.14	134.76	53.53	134.60	53.93	134.44	54.32
46	136.15	52.72	136.00	53.11	135.84	53.51	135.68	53.90	135.53	54.30	135.37	54.69
47	137.08	53.08	136.93	53.48	136.77	53.88	136.61	54.27	136.46	54.67	136.30	55.07
48	138.02	53.44	137.86	53.84	137.70	54.24	37.54	54.64	137.38	55.04	137.22	55.44
49	138.95	53.80	138.79	54.21	138.63	54.61	138.47	55.01	138.31	55.41	138.15	55.82
150	139.88	54.16	139.72	54.57	139.56	54.98	139.40	55.38	139.24	55.79	139.08	56.19
51	140.81	54.52	140.65	54.93	140.49	55.34	140.33	55.75	140.17	56.16	140.00	56.57
52	141.75	54.88	141.58	55.30	141.42	55.71	141.26	56.12	141.10	56.53	140.93	56.94
53	142.68	55.25	142.52	55.66	142.35	56.07	142.19	56.48	142.03	56.90	141.86	57.31
54	143.61	55.61	143.45	56.02	143.28	56.44	143.12	56.85	142.96	57.27	142.79	57.69
55	144.54	55.97	144.38	56.39	144.21	56.81	144.05	57.23	143.88	57.65	143.71	58.06
56	145.48	56.33	145.31	56.75	145.15	57.17	144.98	57.60	144.81	58.02	144.64	58.44
57	146.41	56.69	146.24	57.12	146.08	57.54	145.91	57.97	145.74	58.39	145.57	58.81
58	147.34	57.05	147.17	57.48	147.01	57.91	146.84	58.33	146.67	58.76	146.49	59.19
59	148.27	57.41	148.11	57.84	147.94	58.27	147.77	58.70	147.59	59.13	147.42	59.56
160	149.21	57.77	149.04	58.21	148.87	58.64	148.70	59.07	148.52	59.51	148.35	59.94
61	150.14	58.13	149.97	58.57	149.80	59.01	149.62	59.43	149.45	59.88	149.28	60.31
62	151.07	58.50	150.90	58.93	150.73	59.37	150.55	59.81	150.38	60.25	150.20	60.69
63	152.00	58.86	151.83	59.30	151.66	59.74	151.48	60 18	151.31	60.62	151.13	61.06
64	152.94	59.22	152.76	59.66	152.59	60.11	152.41	60.55	152.24	60.99	152.06	61.44
65	153.87	59.58	153.69	60.03	153.52	60.47	153.34	60.92	153.16	61.36	152.99	61.81
66	154.80	59.94	154.63	60.39	154.45	60.84	154.27	61.29	154.09	61.74	153.91	62.18
67	155.73	60.30	155.56	60.75	155.38	61.21	155.20	61.66	155.02	62.11	154.84	62.56
68	156.67	60.66	156.49	61.12	156.31	61.57	156.13	62.03	155.95	62.48	155.77	62.93
69	157.60	61.02	157.42	61.48	157.24	61.94	157.06	62.40	156.88	62.85	156.69	63.31
170	158.53	61.38	158.35	61.84	158.17	62.31	157.99	62.76	157.81	63.22	157.62	63.68
71	159.46	61.75	159.28	62.21	159.10	62.67	158.92	63.13	158.78	63.60	158.55	64.06
72	160.40	62.11	160.21	62.57	160.03	63.04	159.85	63.50	159.66	63.97	159.48	64.43
73	161.33	62.47	161.15	62.94	160.96	63.40	160.78	63.87	160.59	64.34	160.40	64.81
74	162.26	62.83	162.08	63.30	161.89	63.77	161.71	64.24	161.52	64.71	161.33	65.18
75	163.19	63.19	163.01	63.66	162.82	64.14	162.64	64.61	162.45	65.08	162.26	65.56
76	164.13	63.55	163.94	64.03	163.75	64.50	163.57	64.98	163.37	65.46	163.18	65.93
77	165.06	63.91	164.87	64.39	164.68	64.87	164.49	65.35	164.30	65.83	164.11	66.31
78	165.99	64.27	165.80	64.76	165.61	65.24	165.42	65.72	165.23	66.20	165.04	66.68
79	166.92	64.63	166.73	65.12	166.54	65.60	166.35	66.08	166.16	66.57	165.97	67.05
180	167.86	64.99	167.67	65.48	167.48	65.97	167.28	66.46	167.08	66.94	166.89	67.43

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10'		20'		30'		40'		50'		60'	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	56.08	24.00	56.01	24.16	55.94	24.32	55.87	24.49	55.80	24.65	55.73	24.81
62	57.00	24.39	56.93	24.56	56.86	24.72	56.79	24.89	56.71	25.05	56.64	25.22
63	57.92	24.78	57.85	24.95	57.77	25.12	57.70	25.29	57.63	25.46	57.55	25.62
64	58.84	25.18	58.77	25.35	58.69	25.52	58.62	25.69	58.54	25.86	58.47	26.03
65	59.76	25.57	59.68	25.75	59.61	25.92	59.53	26.09	59.46	26.27	59.38	26.44
66	60.68	25.96	60.60	26.14	60.53	26.32	60.45	26.49	60.37	26.67	60.29	26.84
67	61.60	26.36	61.52	26.54	61.44	26.72	61.37	26.89	61.29	27.07	61.21	27.25
68	62.52	26.75	62.44	26.93	62.36	27.12	62.28	27.30	62.20	27.48	62.12	27.66
69	63.44	27.15	63.36	27.33	63.28	27.51	63.20	27.70	63.12	27.88	63.03	28.06
70	64.36	27.54	64.28	27.73	64.19	27.91	64.11	28.10	64.03	28.29	63.95	28.47
71	65.27	27.93	65.19	28.12	65.11	28.31	65.03	28.50	64.95	28.69	64.86	28.88
72	66.19	28.33	66.11	28.52	66.03	28.71	65.94	28.90	65.86	29.09	65.78	29.28
73	67.11	28.72	67.03	28.91	66.94	29.11	66.86	29.30	66.77	29.50	66.69	29.69
74	68.03	29.11	67.95	29.31	67.86	29.51	67.78	29.70	67.69	29.90	67.60	30.10
75	68.95	29.51	68.87	29.71	68.78	29.91	68.69	30.11	68.60	30.31	68.52	30.50
76	69.87	29.90	69.78	30.10	69.70	30.31	69.61	30.51	69.52	30.71	69.43	30.91
77	70.79	30.29	70.70	30.50	70.61	30.70	70.52	30.91	70.43	31.11	70.34	31.32
78	71.71	30.69	71.62	30.89	71.53	31.10	71.44	31.31	71.35	31.52	71.26	31.72
79	72.63	31.08	72.54	31.29	72.45	31.50	72.36	31.71	72.26	31.92	72.17	32.13
80	73.55	31.47	73.46	31.69	73.36	31.90	73.27	32.11	73.18	32.33	73.08	32.54
81	74.47	31.87	74.38	32.08	74.28	32.30	74.19	32.51	74.09	32.73	74.00	32.94
82	75.39	32.26	75.29	32.48	75.20	32.70	75.10	32.92	75.01	33.13	74.91	33.35
83	76.31	32.65	76.21	32.87	76.12	33.10	76.02	33.32	75.92	33.54	75.82	33.76
84	77.23	33.05	77.13	33.27	77.03	33.50	76.94	33.72	76.84	33.94	76.74	34.16
85	78.15	33.44	78.05	33.67	77.95	33.89	77.85	34.12	77.75	34.35	77.65	34.57
86	79.07	33.83	78.97	34.06	78.87	34.29	78.77	34.52	78.67	34.75	78.56	34.98
87	79.98	34.23	79.88	34.46	79.78	34.69	79.68	34.92	79.58	35.15	79.48	35.39
88	80.90	34.62	80.80	34.86	80.70	35.09	80.60	35.32	80.50	35.56	80.39	35.79
89	81.82	35.01	81.72	35.25	81.62	35.49	81.51	35.73	81.41	35.96	81.31	36.20
90	82.74	35.41	82.64	35.65	82.54	35.89	82.43	36.13	82.33	36.37	82.22	36.60
91	83.66	35.80	83.56	36.04	83.45	36.29	83.35	36.53	83.24	36.77	83.13	37.01
92	84.58	36.19	84.48	36.44	84.37	36.69	84.26	36.93	84.15	37.18	84.05	37.42
93	85.50	36.59	85.39	36.84	85.29	37.08	85.18	37.33	85.07	37.58	84.96	37.82
94	86.42	36.98	86.31	37.23	86.21	37.48	86.09	37.73	85.98	37.98	85.87	38.23
95	87.34	37.37	87.23	37.63	87.12	37.88	87.01	38.13	86.90	38.39	86.79	38.64
96	88.26	37.77	88.15	38.02	88.04	38.28	87.93	38.54	87.81	38.79	87.70	39.04
97	89.18	38.16	89.07	38.42	88.96	38.68	88.84	38.94	88.73	39.20	88.61	39.45
98	90.10	38.55	89.99	38.82	89.88	39.08	89.76	39.34	89.64	39.60	89.53	39.86
99	91.02	38.95	90.90	39.21	90.79	39.48	90.67	39.74	90.56	40.00	90.44	40.26
100	91.94	39.34	91.82	39.61	91.71	39.88	91.59	40.14	91.47	40.41	91.35	40.67
01	92.86	39.73	92.74	40.00	92.62	40.27	92.51	40.54	92.39	40.81	92.27	41.08
02	93.78	40.13	93.66	40.40	93.54	40.67	93.42	40.94	93.30	41.22	93.18	41.48
03	94.69	40.52	94.58	40.80	94.46	41.07	94.34	41.35	94.22	41.62	94.10	41.89
04	95.61	40.91	95.49	41.19	95.37	41.47	95.25	41.75	95.13	42.02	95.01	42.30
05	96.53	41.31	96.41	41.59	96.29	41.87	96.17	42.15	96.05	42.43	95.92	42.70
06	97.45	41.70	97.33	41.98	97.21	42.27	97.08	42.55	96.96	42.83	96.84	43.11
07	98.37	42.09	98.25	42.38	98.13	42.67	98.00	42.95	97.88	43.24	97.75	43.52
08	99.29	42.49	99.17	42.78	99.04	43.07	98.92	43.35	98.79	43.64	98.66	43.92
09	100.21	42.88	100.09	43.17	99.96	43.46	99.83	43.75	99.70	44.04	99.58	44.33
110	101.13	43.27	101.00	43.57	100.88	43.86	100.75	44.16	100.62	44.45	100.49	44.74
11	102.05	43.67	101.92	43.96	101.79	44.26	101.66	44.56	101.53	44.85	101.40	45.14
12	102.97	44.06	102.84	44.36	102.71	44.66	102.58	44.96	102.45	45.26	102.31	45.55
13	103.89	44.45	103.76	44.76	103.63	45.06	103.50	45.36	103.36	45.66	103.23	45.96
14	104.81	44.85	104.68	45.15	104.54	45.46	104.41	45.76	104.28	46.06	104.14	46.36
15	105.73	45.24	105.59	45.55	105.46	45.86	105.32	46.16	105.19	46.47	105.06	46.77
16	106.65	45.64	106.51	45.95	106.38	46.26	106.24	46.56	106.11	46.87	105.97	47.18
17	107.57	46.03	107.43	46.34	107.30	46.65	107.16	46.97	107.02	47.28	106.88	47.58
18	108.49	46.42	108.35	46.74	108.21	7.05	108.08	47.37	107.94	47.68	107.80	47.99
19	109.40	46.82	109.27	47.13	109.13	7.45	108.99	47.77	108.85	48.09	108.71	48.40
120	110.32	47.21	110.19	47.53	110.05	47.85	109.91	48.17	109.77	48.49	109.63	48.81

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
P.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	111.24	47.68	111.10	47.98	110.96	48.25	110.82	48.57	110.68	48.85	110.54	49.13
2	112.16	48.00	112.02	48.32	111.88	48.65	111.74	48.97	111.60	49.26	111.45	49.6
3	113.08	48.32	112.94	48.72	112.80	49.05	112.66	49.37	112.51	49.70	112.37	50.0
4	114.00	48.78	113.86	49.11	113.72	49.45	113.57	49.78	113.43	50.11	113.29	50.4
5	114.92	49.18	114.78	49.51	114.63	49.84	114.49	50.18	114.34	50.51	114.19	50.8
6	115.84	49.57	115.70	49.91	115.55	50.24	115.40	50.58	115.26	50.91	115.11	51.2
7	116.76	49.96	116.61	50.30	116.47	50.64	116.32	50.98	116.17	51.32	116.02	51.6
8	117.68	50.36	117.53	50.70	117.38	51.04	117.23	51.38	117.08	51.72	116.93	52.0
9	118.60	50.76	118.45	51.09	118.30	51.44	118.15	51.78	118.00	52.13	117.85	52.4
10	119.52	50.16	119.37	51.48	119.22	51.84	119.07	52.18	118.91	52.53	118.76	52.8
11	120.44	51.56	120.29	51.89	120.13	52.24	119.98	52.58	119.83	52.93	119.67	53.2
12	121.36	51.93	121.20	52.28	121.05	52.64	120.90	52.98	120.74	53.34	120.59	53.6
13	122.28	52.32	122.12	52.68	121.97	53.03	121.81	53.38	121.66	53.74	121.50	54.1
14	123.20	52.72	123.04	53.07	122.89	53.43	122.73	53.78	122.57	54.15	122.40	54.5
15	124.11	53.11	123.96	53.47	123.80	53.83	123.65	54.19	123.49	54.55	123.32	54.9
16	125.03	53.50	124.88	53.87	124.72	54.23	124.56	54.59	124.40	54.96	124.24	55.3
17	125.95	53.90	125.80	54.26	125.64	54.63	125.48	54.99	125.32	55.36	125.16	55.7
18	126.87	54.29	126.71	54.66	126.56	55.03	126.39	55.40	126.23	55.76	126.07	56.1
19	127.79	54.68	127.63	55.06	127.47	55.43	127.31	55.80	127.15	56.17	126.98	56.5
20	128.71	55.08	128.55	55.45	128.39	55.83	128.23	56.20	128.06	56.57	127.90	56.9
21	129.63	55.47	129.47	55.85	129.31	56.22	129.14	56.60	128.98	56.97	128.81	57.3
22	130.55	55.86	130.39	56.24	130.22	56.62	130.06	57.00	129.89	57.38	129.72	57.7
23	131.47	56.26	131.31	56.64	131.14	57.02	130.97	57.40	130.81	57.78	130.64	58.1
24	132.39	56.65	132.22	57.04	132.06	57.42	131.89	57.80	131.72	58.19	131.56	58.5
25	133.31	57.04	133.14	57.43	132.97	57.82	132.80	58.21	132.63	58.58	132.46	58.9
26	134.23	57.44	134.06	57.83	133.89	58.23	133.72	58.61	133.55	59.00	133.38	59.3
27	135.15	57.83	134.98	58.22	134.81	58.63	134.64	59.01	134.46	59.40	134.29	59.7
28	136.07	58.22	135.90	58.62	135.73	59.02	135.55	59.41	135.38	59.80	135.20	60.2
29	136.98	58.62	136.81	59.02	136.64	59.41	136.47	59.81	136.29	60.21	136.12	60.6
30	137.90	59.01	137.73	59.41	137.56	59.81	137.38	60.21	137.21	60.61	137.03	61.0
31	138.82	59.40	138.65	59.81	138.48	60.21	138.30	60.61	138.12	61.02	137.95	61.4
32	139.74	59.80	139.57	60.20	139.39	60.61	139.22	61.02	139.04	61.42	138.86	61.8
33	140.66	60.19	140.48	60.60	140.31	61.01	140.13	61.42	139.95	61.82	139.77	62.2
34	141.58	60.58	141.41	61.00	141.22	61.41	141.05	61.82	140.87	62.23	140.69	62.6
35	142.50	60.98	142.32	61.39	142.14	61.81	141.96	62.22	141.78	62.63	141.60	63.0
36	143.42	61.37	143.24	61.79	143.06	62.21	142.88	62.62	142.70	63.04	142.51	63.4
37	144.34	61.76	144.16	62.18	143.98	62.60	143.80	63.02	143.61	63.44	143.43	63.8
38	145.26	62.16	145.08	62.58	144.90	63.00	144.71	63.42	144.53	63.84	144.34	64.2
39	146.18	62.55	146.00	62.98	145.81	63.40	145.63	63.82	145.44	64.25	145.25	64.6
40	147.10	62.95	146.91	63.37	146.73	63.80	146.54	64.23	146.36	64.65	146.17	65.0
41	148.02	63.34	147.83	63.77	147.65	64.20	147.46	64.63	147.27	65.06	147.08	65.4
42	148.94	63.73	148.75	64.16	148.56	64.60	148.38	65.03	148.19	65.46	147.99	65.8
43	149.86	64.13	149.67	64.56	149.48	65.00	149.29	65.43	149.10	65.86	148.91	66.3
44	150.78	64.52	150.59	64.96	150.40	65.40	150.21	65.83	150.01	66.27	149.82	66.7
45	151.70	64.92	151.51	65.35	151.32	65.79	151.12	66.23	150.93	66.67	150.74	67.1
46	152.61	65.31	152.42	65.75	152.23	66.19	152.04	66.64	151.84	67.08	151.65	67.5
47	153.53	65.70	153.34	66.15	153.16	66.59	152.95	67.04	152.76	67.48	152.56	67.9
48	154.45	66.09	154.26	66.54	154.07	66.99	153.87	67.44	153.67	67.89	153.48	68.3
49	155.37	66.49	155.18	66.94	154.98	67.38	154.79	67.84	154.59	68.29	154.39	68.7
50	156.29	66.88	156.10	67.33	155.90	67.78	155.70	68.24	155.50	68.69	155.30	69.1
51	157.21	67.27	157.02	67.73	156.82	68.18	156.62	68.64	156.42	69.10	156.22	69.5
52	158.13	67.67	157.93	68.13	157.73	68.59	157.53	69.04	157.33	69.50	157.13	69.9
53	159.05	68.06	158.85	68.52	158.65	68.98	158.45	69.44	158.25	69.91	158.04	70.3
54	159.97	68.44	159.77	68.92	159.57	69.38	159.37	69.85	159.16	70.31	158.96	70.7
55	160.89	68.84	160.68	69.31	160.49	69.78	160.28	70.25	160.08	70.71	159.87	71.1
56	161.81	69.24	161.61	69.71	161.40	70.18	161.20	70.65	160.99	71.12	160.78	71.5
57	162.73	69.63	162.52	70.11	162.32	70.58	162.11	71.05	161.91	71.52	161.70	71.9
58	163.65	70.03	163.44	70.50	163.24	70.98	163.03	71.45	162.82	71.93	162.61	72.4
59	164.57	70.42	164.36	70.90	164.15	71.38	163.95	71.85	163.74	72.33	163.52	72.8
60	165.49	70.81	165.28	71.29	165.07	71.78	164.86	72.25	164.65	72.73	164.44	73.2

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dia.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
81	166.41	71.11	166.20	71.69	165.99	72.17	165.78	72.66	165.56	73.14	165.35	73.62
82	167.32	71.50	167.12	72.09	166.91	72.57	166.69	73.06	166.48	73.54	166.27	74.02
83	168.24	71.89	168.03	72.48	167.82	72.97	167.61	73.46	167.40	73.95	167.18	74.43
84	169.16	72.29	168.95	72.88	168.74	73.37	168.52	73.86	168.31	74.35	168.09	74.84
85	170.08	72.68	169.87	73.27	169.66	73.77	169.44	74.26	169.23	74.75	169.01	75.24
86	171.00	73.07	170.79	73.67	170.57	74.17	170.36	74.66	170.14	75.16	169.92	75.65
87	171.92	73.47	171.71	74.07	171.49	74.57	171.27	75.06	171.05	75.56	170.83	76.06
88	172.84	73.86	172.62	74.46	172.41	74.97	172.19	75.47	171.97	75.97	171.75	76.46
89	173.76	74.25	173.54	74.86	173.32	75.36	173.10	75.87	172.88	76.37	172.66	76.87
190	174.68	74.65	174.46	75.26	174.24	75.76	174.02	76.27	173.80	76.77	173.57	77.28
91	175.60	75.04	175.38	75.65	175.16	76.16	174.94	76.67	174.71	77.18	174.49	77.68
92	176.52	75.43	176.30	76.05	176.08	76.56	175.85	77.07	175.63	77.58	175.40	78.09
93	177.44	75.83	177.22	76.44	176.99	76.96	176.77	77.47	176.54	77.99	176.31	78.50
94	178.36	76.22	178.13	76.84	177.91	77.36	177.68	77.87	177.46	78.39	177.23	78.90
95	179.28	76.61	179.05	77.24	178.83	77.76	178.60	78.28	178.37	78.80	178.14	79.31
96	180.20	77.01	179.97	77.63	179.74	78.16	179.52	78.68	179.29	79.20	179.06	79.72
97	181.12	77.40	180.89	78.03	180.66	78.55	180.43	79.08	180.20	79.60	179.97	80.12
98	182.03	77.79	181.81	78.42	181.58	78.95	181.35	79.48	181.12	80.01	180.88	80.53
99	182.95	78.18	182.73	78.82	182.50	79.35	182.26	79.88	182.03	80.41	181.80	80.94
200	183.87	78.58	183.64	79.22	183.41	79.75	183.18	80.28	182.94	80.82	182.71	81.35
01	184.79	78.97	184.56	79.67	184.33	80.15	184.10	80.68	183.86	81.22	183.62	81.75
02	185.71	79.37	185.48	80.01	185.25	80.55	185.01	81.09	184.77	81.62	184.54	82.16
03	186.63	79.76	186.40	80.40	186.16	80.95	185.93	81.49	185.69	82.03	185.45	82.57
04	187.55	80.26	187.32	80.80	187.08	81.35	186.84	81.89	186.60	82.43	186.36	82.97
05	188.47	80.65	188.23	81.20	188.00	81.74	187.76	82.29	187.52	82.84	187.28	83.38
06	189.39	81.04	189.15	81.59	188.91	82.14	188.67	82.69	188.43	83.24	188.19	83.79
07	190.31	81.44	190.07	81.99	189.83	82.54	189.59	83.09	189.35	83.64	189.10	84.18
08	191.23	81.83	190.99	82.38	190.75	82.94	190.51	83.49	190.26	84.05	190.02	84.60
09	192.15	82.22	191.91	82.78	191.67	83.34	191.42	83.90	191.18	84.45	190.93	85.01
210	193.07	82.62	192.83	83.18	192.58	83.74	192.34	84.30	192.09	84.86	191.84	85.41
11	193.99	83.01	193.74	83.57	193.50	84.14	193.25	84.70	193.01	85.26	192.76	85.82
12	194.91	83.40	194.66	83.97	194.42	84.54	194.17	85.10	193.92	85.66	193.67	86.23
13	195.82	83.80	195.58	84.37	195.33	84.93	195.09	85.50	194.84	86.07	194.59	86.63
14	196.74	84.19	196.50	84.76	196.25	85.33	196.00	85.90	195.75	86.47	195.50	87.04
15	197.66	84.58	197.42	85.16	197.17	85.73	196.92	86.30	196.67	86.88	196.41	87.45
16	198.58	84.98	198.33	85.55	198.09	86.13	197.83	86.71	197.58	87.28	197.33	87.85
17	199.50	85.37	199.25	85.95	199.00	86.53	198.75	87.11	198.49	87.68	198.24	88.26
18	200.42	85.76	200.17	86.35	199.92	86.93	199.67	87.51	199.41	88.09	199.15	88.67
19	201.34	86.16	201.09	86.74	200.84	87.33	200.58	87.91	200.32	88.49	200.07	89.07
220	202.26	86.55	202.01	87.14	201.75	87.73	201.50	88.31	201.24	88.90	200.98	89.48
21	203.18	86.94	202.93	87.53	202.67	88.12	202.41	88.71	202.15	89.30	201.89	89.88
22	204.10	87.34	203.84	87.93	203.59	88.52	203.33	89.11	203.07	89.71	202.81	90.29
23	205.02	87.73	204.76	88.33	204.50	88.92	204.24	89.52	203.98	90.11	203.72	90.70
24	205.94	88.12	205.68	88.72	205.42	89.32	205.16	89.92	204.90	90.51	204.63	91.11
25	206.86	88.52	206.60	89.12	206.34	89.72	206.08	90.32	205.81	90.92	205.55	91.51
26	207.78	88.91	207.52	89.51	207.26	90.12	206.99	90.72	206.73	91.32	206.46	91.92
27	208.70	89.30	208.44	89.91	208.17	90.52	207.91	91.12	207.64	91.73	207.37	92.33
28	209.62	89.70	209.35	90.31	209.09	90.92	208.82	91.52	208.56	92.13	208.29	92.73
29	210.53	90.09	210.27	90.70	210.01	91.31	209.74	91.92	209.47	92.53	209.20	93.14
230	211.45	90.48	211.19	91.10	210.92	91.71	210.66	92.33	210.39	92.94	210.12	93.54
31	212.37	90.88	212.11	91.49	211.84	92.11	211.57	92.73	211.30	93.34	211.03	93.95
32	213.29	91.27	213.03	91.89	212.76	92.51	212.49	93.13	212.22	93.75	211.94	94.36
33	214.21	91.66	213.94	92.29	213.68	92.91	213.40	93.53	213.13	94.15	212.86	94.77
34	215.13	92.06	214.86	92.68	214.59	93.31	214.32	93.93	214.05	94.55	213.77	95.17
35	216.05	92.45	215.78	93.08	215.51	93.71	215.24	94.33	214.96	94.96	214.68	95.58
36	216.97	92.84	216.70	93.47	216.43	94.11	216.15	94.73	215.87	95.36	215.60	95.98
37	217.89	93.24	217.62	93.87	217.34	94.50	217.07	95.14	216.79	95.77	216.51	96.39
38	218.81	93.63	218.54	94.27	218.26	94.90	217.98	95.54	217.70	96.17	217.42	96.80
39	219.73	94.02	219.45	94.66	219.18	95.30	218.90	95.94	218.62	96.57	218.34	97.21
240	220.65	94.42	220.37	95.66	220.09	95.70	219.82	96.34	219.53	96.98	219.25	97.61

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	221.57	94.81	221.29	95.46	221.01	96.10	220.73	96.74	220.45	97.38	220.16	98.02
42	222.49	95.20	222.21	95.85	221.93	96.50	221.65	97.14	221.36	97.79	221.08	98.43
43	223.41	95.60	223.13	96.25	222.85	96.90	222.56	97.54	222.28	98.19	221.99	98.83
44	224.33	95.99	224.04	96.64	223.76	97.30	223.48	97.95	223.19	98.60	222.91	99.24
45	225.24	96.38	224.96	97.04	224.68	97.69	224.39	98.35	224.11	99.00	223.82	99.65
46	226.16	96.78	225.88	97.44	225.60	98.09	225.31	98.75	225.02	99.40	224.73	100.05
47	227.08	97.17	226.80	97.83	226.51	98 49	226.23	99.15	225.94	99.81	225.65	100.46
48	228.00	97.56	227.72	98.23	227.43	98.89	227.14	99.55	226.85	100.21	226.56	100.87
49	228.92	97.96	228.64	98.62	228.35	99.29	228.06	99.95	227.77	100.62	227.47	101.27
250	229.84	98.35	229.55	99.02	229.27	99,69	228.97	100.35	228.68	101.02	228.39	101.68
51	230.76	98.75	230.47	99.42	230.18	100.09	229.89	100.75	229.60	101.42	229.30	102.09
52	231.68	99.14	231.39	99.81	231.10	100.49	230.81	101.16	230.51	101.83	230.21	102.49
53	232.60	99.53	232.31	100.21	232,02	100.88	231.72	101.56	231.42	102.23	231.13	102.90
54	233.52	99.93	233.23	100.60	232.93	101.28	232.64	101.96	232.34	102.64	232.04	103.31
55	234.44	100.32	234.15	101.00	233,85	101.68	233.55	102.36	233,25	103.04	232.95	103.71
56	235.36	100.71	235.06	101.40	234.77	102.08	234.47	102.76	234,17	103.44	233.87	104.12
57	236.28	101.11	235.98	101.79	235,68	102.48	235.39	103,16	235.08	103.85	234.78	104.53
58	237.20	101.50	236.90	102.19	236.60	102.88	236.30	103.57	236.00	104.25	235.69	104.98
59	238.12	101.89	237.82	102.58	237,52	103.28	237,22	103.97	236.91	104.66	236.61	105.34
260	239.04	102.29	238.74	102.98	238.44	103,68	238.13	104.37	237.83	105.06	237.52	105.75
61	239.95	102.68	239.65	103.38	239,35	104,07	239.05	104.77	238.74	105.46	238.44	106.15
62	240.87	103.07	240.57	103.77	240.27	104.47	239.96	105.17	239.66	105.87	239.35	106.56
63	241.79	103.47	241.49	104.17	241.19	104,87	240.88	105.57	240.57	106.27	240.26	106.97
64	242.71	103.86	242.41	104.57	242.10	105.27	241.80	105.97	241.49	106.68	241.18	107.37
65	243.63	104.25	243.33	104.96	243.02	105.67	242.71	106.38	242.40	107.08	242.09	107.78
66	244.55	104.65	244.25	105.36	243.94	106,07	243.63	106.78	243,32	107.48	243.00	108.19
67	245.47	105.04	245.16	105.75	244.86	106.47	244.54	107.18	244,23	107.89	243.92	108.59
68	246.39	105.43	246.08	106.15	245.77	106.87	245.46	107.58	245.15	108.29	244.83	109.00
69	247.31	105.83	247.00	106.55	246.69	107.26	246.38	107.98	246,06	108.70	245.74	109.41
270	248.23	106.22	247.92	106.94	247.61	107.66	247.29	108.38	246.98	109.10	246,66	109.81
71	249.15	106.61	248.84	107.34	248.52	108,06	248.21	108.78	247.89	109.51	247.57	110.22
72	250.07	107.01	249.76	107.73	249.44	108.46	249.12	109.19	248.80	109.91	248.48	110.63
73	250.99	107.40	250.67	108.13	250.36	108.86	250.04	109.59	249.72	110.31	249.40	111.03
74	251.91	107.79	251.59	108 53	251.27	109.26	250.96	109.99	250.63	110.72	250.31	111.44
75	252.83	108.19	252.51	108.92	252.19	109.66	251.87	110.39	251.55	111.12	251.23	111.85
76	253.75	108.58	253.43	109.32	253.11	110.06	252.79	110.79	252.46	111.53	252.14	112.25
77	254.66	108.97	254.35	109.71	254.03	110.45	253.70	111.19	253.38	111.93	253.05	112.66
78	255.58	109.37	255.26	110.11	254.94	110.85	254.62	111.59	254.29	112.33	253.97	113.07
79	256.50	109.76	256.18	110.51	255.86	111.25	255.53	112.00	255.21	112.74	254.88	113.47
280	257.42	110.15	257.10	110.90	256.78	111.65	256.45	112.40	256.12	113.14	255.79	113.88
81	258.34	110.55	258.02	111.30	257.69	112.05	257.37	112.80	257.04	113.55	256.71	114.29
82	259.26	110.94	258.94	111.69	258.61	112.45	258.28	113.20	257.95	113.95	257.62	114.69
83	260.18	111.33	259.86	112.09	259.53	112.85	259.20	113.60	258.87	114.35	258.53	115.10
84	261.10	111.73	260.77	112.49	260.45	113.25	260.11	114.00	259.78	114.76	259.45	115.51
85	262.02	112.12	261.69	112.88	261.36	113.64	261.03	114.40	260.70	115.16	260.36	115.91
86	262.94	112.51	262.61	113.28	262.28	114.04	261.95	114.80	261.61	115.57	261.27	116.32
87	263.86	112.91	263.53	113.67	263.20	114.44	262.86	115.21	262.53	115.97	262.19	116.78
88	264.78	113.30	264.45	114.07	264.11	114 84	263.78	115.61	263.44	116.37	263.10	117.13
89	265.70	113.69	265.36	114.47	265.03	115.24	264.69	116.01	264.35	116.78	264.01	117.54
290	266.62	114.09	266.28	114.86	265.95	115.64	265.61	116.41	265.27	117.18	264.98	117.95
91	267.54	114.48	267.20	115.26	266.86	116.04	266.53	116.81	266.18	117.59	265.84	118.35
92	268.45	114.87	268.12	115.66	267.78	116.44	267.44	117.21	267.10	117.99	266.76	118.76
93	269.37	115.27	269.04	116,05	268.70	116.83	268.36	117.61	268.01	118.39	267.67	119.17
94	270.29	115.60	269.90	116.45	269.62	117.23	269.27	118.02	268.93	118.80	268.58	119.57
95	271.21	116.06	270.87	116.84	270.58	117.63	270.19	118.42	269.84	119.20	269.50	119.98
96	272.13	116.45	271.79	117.24	271.45	118.03	271.11	118.82	270.76	119.61	270.41	120.39
97	273.05	116.84	272.71	117.64	272.37	118.43	272.02	119.22	271.67	120.01	271.32	120.79
98	273.97	117.24	273.63	118.03	273.28	118.83	272.94	119.62	272.59	120.41	272.24	121.20
99	274.89	117.63	274.55	118.43	274.20	119.23	273.85	120.02	273.50	120.82	273.15	121.61
100	275.81	118.02	275.47	118.82	275.12	119.63	274.77	120.42	274.42	121.22	274.06	122.02

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Sup.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	112.06	45.63	111.92	45.98	111.79	46.30	111.65	46.63	111.52	46.95	111.38	47.28
22	112.98	46.08	112.85	46.36	112.71	46.69	112.58	47.02	112.44	47.34	112.30	47.67
23	113.91	46.41	113.77	46.74	113.63	47.07	113.50	47.40	113.36	47.73	113.22	48.06
24	114.84	46.79	114.70	47.12	114.56	47.45	114.42	47.79	114.28	48.12	114.14	48.45
25	115.76	47.16	115.62	47.50	115.48	47.84	115.35	48.17	115.20	48.51	115.06	48.84
26	116.69	47.54	116.55	47.88	116.41	48.22	116.27	48.56	116.13	48.89	115.98	49.23
27	117.61	47.92	117.47	48.26	117.33	48.60	117.19	48.94	117.05	49.28	116.90	49.62
28	118.34	48.29	118.40	48.64	118.26	48.98	118.11	49.33	117.97	49.67	117.82	50.01
29	119.47	48.67	119.32	49.02	119.18	49.37	119.04	49.71	118.89	50.06	118.74	50.40
130	120.39	49.05	120.25	49.40	120.10	49.75	119.96	50.10	119.81	50.45	119.67	50.80
31	121.32	49.43	121.17	49.78	121.03	50.13	120.88	50.48	120.73	50.83	120.59	51.19
32	122.24	49.80	122.10	50.16	121.95	50.51	121.80	50.87	121.66	51.22	121.51	51.58
33	123.17	50.18	123.02	50.54	122.88	50.90	122.73	51.25	122.58	51.61	122.43	51.97
34	124.10	50.56	123.95	50.92	123.80	51.28	123.65	51.64	123.50	52.00	123.35	52.36
35	125.02	50.94	124.87	51.30	124.72	51.66	124.57	52.02	124.42	52.39	124.27	52.75
36	125.95	51.31	125.80	51.68	125.65	52.04	125.50	52.41	125.34	52.77	125.19	53.14
37	126.87	51.69	126.72	52.06	126.57	52.43	126.42	52.80	126.26	53.16	126.11	53.53
38	127.80	52.07	127.65	52.44	127.50	52.81	127.34	53.18	127.19	53.55	127.03	53.92
39	128.73	52.44	128.57	52.82	128.42	53.19	128.26	53.57	128.11	53.94	127.95	54.31
140	129.65	52.82	129.50	53.20	129.34	53.58	129.19	53.95	129.03	54.33	128.87	54.70
41	130.58	53.20	130.42	53.58	130.27	53.96	130.11	54.34	129.95	54.72	129.79	55.09
42	131.50	53.58	131.35	53.96	131.19	54.34	131.03	54.72	130.87	55.10	130.71	55.48
43	132.43	53.95	132.27	54.34	132.11	54.72	131.96	55.11	131.79	55.49	131.63	55.87
44	133.36	54.33	133.20	54.72	133.04	55.11	132.88	55.49	132.72	55.88	132.55	56.27
45	134.28	54.71	134.12	55.10	133.96	55.49	133.80	55.88	133.64	56.27	133.47	56.66
46	135.21	55.09	135.05	55.48	134.89	55.87	134.72	56.26	134.56	56.66	134.39	57.05
47	136.14	55.46	135.97	55.86	135.81	56.25	135.65	56.65	135.48	57.04	135.31	57.44
48	137.06	55.84	136.90	56.24	136.73	56.64	136.57	57.03	136.40	57.43	136.23	57.83
49	137.99	56.22	137.82	56.62	137.66	57.02	137.49	57.42	137.32	57.82	137.15	58.23
150	138.91	56.60	138.75	57.00	138.58	57.40	138.41	57.81	138.25	58.21	138.08	58.61
51	139.84	56.97	139.67	57.38	139.51	57.79	139.34	58.19	139.17	58.60	139.00	59.00
52	140.77	57.35	140.60	57.76	140.43	58.17	140.26	58.58	140.09	58.98	139.92	59.39
53	141.69	57.73	141.52	58.14	141.35	58.55	141.18	58.96	141.01	59.37	140.84	59.78
54	142.62	58.10	142.45	58.52	142.28	58.93	142.11	59.35	141.93	59.76	141.76	60.17
55	143.54	58.48	143.37	58.90	143.20	59.32	143.03	59.73	142.85	60.15	142.68	60.56
56	144.47	58.86	144.30	59.28	144.12	59.70	143.95	60.12	143.78	60.54	143.60	60.95
57	145.40	59.24	145.22	59.66	145.05	60.08	144.87	60.50	144.70	60.92	144.52	61.34
58	146.32	59.61	146.15	60.04	145.97	60.46	145.80	60.89	145.62	61.31	145.44	61.74
59	147.25	59.99	147.07	60.42	146.90	60.85	146.72	61.27	146.54	61.70	146.36	62.13
160	148.17	60.37	148.00	60.80	147.82	61.23	147.64	61.66	147.46	62.09	147.28	62.52
61	149.10	60.75	148.92	61.18	148.74	61.61	148.57	62.04	148.38	62.48	148.20	62.91
62	150.03	61.12	149.85	61.56	149.67	61.99	149.49	62.43	149.31	62.86	149.12	63.30
63	150.95	61.50	150.77	61.94	150.59	62.38	150.41	62.82	150.23	63.25	150.04	63.69
64	151.88	61.88	151.70	62.32	151.52	62.76	151.33	63.20	151.15	63.64	150.96	64.08
65	152.80	62.25	152.62	62.70	152.44	63.14	152.26	63.59	152.07	64.03	151.88	64.47
66	153.73	62.63	153.55	63.08	153.36	63.53	153.18	63.97	152.99	64.42	152.80	64.86
67	154.66	63.01	154.47	63.46	154.29	63.91	154.10	64.36	153.91	64.80	153.72	65.25
68	155.58	63.39	155.40	63.84	155.21	64.29	155.02	64.74	154.84	65.19	154.64	65.64
69	156.51	63.76	156.32	64.22	156.14	64.67	155.95	65.13	155.76	65.58	155.56	66.03
170	157.44	64.14	157.25	64.60	157.06	65.06	156.87	65.51	156.68	65.97	156.49	66.42
71	158.36	64.52	158.17	64.98	157.98	65.44	157.79	65.90	157.60	66.36	157.41	66.82
72	159.29	64.90	159.10	65.36	158.91	65.82	158.72	66.28	158.52	66.74	158.33	67.21
73	160.21	65.27	160.02	65.74	159.83	66.20	159.64	66.67	159.44	67.19	159.25	67.60
74	161.14	65.65	160.95	66.12	160.75	66.59	160.56	67.05	160.37	67.52	160.17	67.99
75	162.07	66.03	161.87	66.50	161.68	66.97	161.48	67.44	161.29	67.91	161.09	68.38
76	162.99	66.41	162.80	66.88	162.60	67.35	162.41	67.82	162.21	68.30	162.01	68.77
77	163.92	66.78	163.72	67.26	163.53	67.73	163.33	68.21	163.13	68.69	162.93	69.16
78	164.84	67.16	164.65	67.64	164.45	68.12	164.25	68.60	164.03	69.07	163.85	69.55
79	165.77	67.54	165.57	68.02	165.37	68.50	165.17	68.98	164.96	69.46	164.77	69.94
180	166.70	67.91	166.50	68.40	166.30	68.88	166.10	69.37	165.89	69.85	165.69	70.33

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
81	167.62	68.29	167.42	68.78	167.22	69.27	167.02	69.75	166.82	70.24	166.61	70.72
82	168.55	68.67	168.35	69.16	168.15	69.65	167.94	70.14	167.74	70.63	167.53	71.11
83	169.47	69.05	169.27	69.54	169.07	70.03	168.87	70.52	168.66	71.01	168.46	71.50
84	170.40	69.42	170.20	69.92	169.98	70.41	169.79	70.91	169.58	71.40	169.37	71.89
85	171.33	69.80	171.12	70.30	170.92	70.80	170.71	71.29	170.50	71.79	170.29	72.29
86	172.25	70.18	172.05	70.68	171.84	71.18	171.63	71.68	171.42	72.18	171.21	72.68
87	173.18	70.56	172.97	71.06	172.77	71.56	172.56	72.06	172.35	72.57	172.13	73.07
88	174.10	70.93	173.90	71.44	173.69	71.94	173.48	72.45	173.27	72.95	173.05	73.46
89	175.03	71.31	174.82	71.82	174.61	72.33	174.40	72.83	174.19	73.34	173.97	73.85
90	175.96	71.69	175.75	72.20	175.54	72.71	175.33	73.22	175.11	73.73	174.90	74.24
91	176.88	72.08	176.67	72.58	176.46	73.09	176.25	73.61	176.03	74.12	175.82	74.63
92	177.81	72.44	177.60	72.96	177.38	73.49	177.17	73.99	176.95	74.51	176.74	75.02
93	178.74	72.82	178.52	73.34	178.31	73.86	178.09	74.38	177.88	74.89	177.66	75.41
94	179.66	73.20	179.45	73.72	179.23	74.24	179.02	74.76	178.80	75.28	178.58	75.80
95	180.59	73.57	180.37	74.10	180.16	74.62	179.94	75.15	179.72	75.67	179.50	76.19
96	181.51	73.95	181.30	74.48	181.08	75.01	180.86	75.53	180.64	76.06	180.42	76.58
97	182.44	74.33	182.22	74.86	182.00	75.39	181.78	75.92	181.56	76.45	181.34	76.97
98	183.37	74.71	183.15	75.24	182.93	75.77	182.71	76.30	182.48	76.83	182.26	77.36
99	184.29	75.08	184.07	75.62	183.85	76.15	183.63	76.69	183.41	77.22	183.18	77.76
200	185.22	75.46	185.00	76.00	184.78	76.54	184.55	77.07	184.33	77.61	184.10	78.15
01	186.14	75.84	185.92	76.38	185.70	76.92	185.48	77.46	185.25	78.00	185.02	78.54
02	187.07	76.22	186.85	76.76	186.62	77.30	186.40	77.84	186.17	78.39	185.94	78.93
03	188.00	76.59	187.77	77.14	187.55	77.68	187.32	78.23	187.09	78.77	186.86	79.32
04	188.92	76.97	188.70	77.52	188.47	78.07	188.24	78.62	188.01	79.16	187.78	79.71
05	189.85	77.35	189.62	77.90	189.39	78.45	189.17	79.00	188.94	79.55	188.70	80.10
06	190.77	77.72	190.55	78.28	190.32	78.83	190.09	79.39	189.86	79.94	189.62	80.49
07	191.70	78.10	191.47	78.66	191.24	79.22	191.01	79.77	190.78	80.33	190.54	80.88
08	192.63	78.48	192.40	79.04	192.17	79.60	191.93	80.16	191.70	80.71	191.46	81.27
09	193.55	78.86	193.32	79.42	193.09	79.98	192.86	80.54	192.62	81.10	192.38	81.66
210	194.48	79.23	194.25	79.80	194.01	80.36	193.78	80.93	193.54	81.49	193.31	82.05
11	195.40	79.61	195.17	80.18	194.94	80.75	194.70	81.31	194.47	81.88	194.23	82.44
12	196.33	79.99	196.10	80.56	195.86	81.13	195.63	81.70	195.39	82.27	195.15	82.83
13	197.26	80.37	197.02	80.94	196.78	81.51	196.55	82.08	196.31	82.65	196.07	83.23
14	198.18	80.74	197.95	81.32	197.71	81.89	197.47	82.47	197.23	83.04	196.99	83.62
15	199.11	81.12	198.87	81.70	198.63	82.28	198.39	82.85	198.15	83.43	197.91	84.01
16	200.04	81.50	199.80	82.08	199.56	82.66	199.32	83.24	199.07	83.82	198.83	84.40
17	200.96	81.87	200.72	82.46	200.48	83.04	200.24	83.63	200.00	84.21	199.75	84.79
18	201.89	82.25	201.65	82.84	201.41	83.42	201.16	84.01	200.92	84.60	200.67	85.18
19	202.81	82.63	202.57	83.22	202.33	83.81	202.09	84.40	201.84	84.98	201.59	85.57
220	203.74	83.01	203.50	83.60	203.25	84.19	203.01	84.78	202.76	85.37	202.51	85.96
21	204.67	83.38	204.42	83.98	204.18	84.57	203.93	85.17	203.68	85.76	203.43	86.35
22	205.59	83.76	205.34	84.36	205.10	84.96	204.85	85.55	204.60	86.15	204.35	86.74
23	206.52	84.14	206.27	84.74	206.02	85.34	205.78	85.94	205.53	86.54	205.27	87.13
24	207.44	84.52	207.20	85.12	206.94	85.72	206.70	86.32	206.45	86.92	206.19	87.52
25	208.37	84.89	208.12	85.50	207.87	86.10	207.62	86.71	207.37	87.31	207.11	87.91
26	209.30	85.27	209.05	85.88	208.80	86.49	208.54	87.09	208.29	87.70	208.03	88.31
27	210.22	85.65	209.97	86.26	209.72	86.87	209.47	87.48	209.21	88.09	208.94	88.70
28	211.15	86.03	210.90	86.64	210.64	87.25	210.39	87.86	210.13	88.48	209.87	89.09
29	212.07	86.40	211.82	87.02	211.57	87.63	211.31	88.25	211.06	88.86	210.79	89.48
230	213.00	86.78	212.75	87.40	212.49	88.02	212.24	88.63	211.98	89.25	211.72	89.87
31	213.93	87.16	213.67	87.78	213.42	88.40	213.16	89.02	212.90	89.64	212.64	90.26
32	214.85	87.54	214.60	88.16	214.34	88.78	214.08	89.41	213.82	90.03	213.56	90.65
33	215.78	87.91	215.52	88.54	215.26	89.17	215.00	89.79	214.74	90.42	214.48	91.04
34	216.70	88.29	216.45	88.92	216.19	89.55	215.93	90.18	215.66	90.80	215.40	91.43
35	217.63	88.67	217.37	89.30	217.11	89.93	216.85	90.56	216.58	91.19	216.32	91.82
36	218.55	89.05	218.30	89.68	218.04	90.31	217.77	90.95	217.51	91.58	217.25	92.21
37	219.48	89.42	219.22	90.06	218.96	90.70	218.70	91.33	218.43	91.97	218.16	92.60
38	220.41	89.80	220.15	90.44	219.89	91.08	219.62	91.72	219.35	92.36	219.08	92.99
39	221.34	90.18	221.07	90.81	220.81	91.46	220.54	92.10	220.27	92.74	220.00	93.38
240	222.26	90.56	222.00	91.20	221.73	91.84	221.46	92.48	221.19	93.13	220.92	93.77

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Deg.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
41	223.19	90.93	222.92	91.58	222.65	92.23	222.39	92.87	222.11	93.52	221.84	94.17
42	224.11	91.31	223.85	91.96	223.58	92.61	223.31	93.26	223.04	93.91	222.76	94.56
43	225.04	91.68	224.77	92.34	224.50	92.99	224.23	93.64	223.96	94.30	223.68	94.95
44	225.97	92.06	225.70	92.72	225.43	93.37	225.15	94.03	224.88	94.68	224.60	95.34
45	226.89	92.44	226.62	93.10	226.35	93.76	226.08	94.42	225.80	95.07	225.52	95.73
46	227.82	92.82	227.55	93.48	227.27	94.14	227.00	94.80	226.72	95.46	226.44	96.12
47	228.74	93.19	228.47	93.86	228.20	94.52	227.92	95.19	227.64	95.85	227.36	96.51
48	229.67	93.57	229.40	94.24	229.12	94.91	228.85	95.57	228.57	96.24	228.28	96.90
49	230.60	93.95	230.32	94.62	230.05	95.29	229.77	95.96	229.49	96.62	229.20	97.29
250	231.52	94.33	231.25	95.00	230.97	95.67	230.69	96.34	230.41	97.01	230.13	97.68
51	232.45	94.70	232.17	95.38	231.89	96.05	231.61	96.73	231.33	97.40	231.05	98.07
52	233.37	95.08	233.10	95.76	232.82	96.44	232.54	97.11	232.25	97.79	231.97	98.46
53	234.30	95.46	234.02	96.14	233.74	96.82	233.46	97.50	233.17	98.18	232.89	98.85
54	235.23	95.83	234.95	96.52	234.67	97.20	234.38	97.88	234.10	98.56	233.81	99.24
55	236.15	96.21	235.87	96.90	235.59	97.58	235.30	98.27	235.02	98.95	234.73	99.63
56	237.08	96.59	236.80	97.28	236.51	97.97	236.23	98.65	235.94	99.34	235.65	100.02
57	238.00	96.97	237.72	97.66	237.44	98.35	237.15	99.04	236.86	99.73	236.57	100.41
58	238.93	97.34	238.65	98.04	238.36	98.73	238.07	99.43	237.78	100.12	237.49	100.81
59	239.86	97.72	239.57	98.42	239.28	99.11	239.00	99.81	238.70	100.51	238.41	101.20
260	240.78	98.10	240.50	98.80	240.21	99.50	239.92	100.20	239.63	100.89	239.33	101.59
61	241.71	98.48	241.42	99.18	241.13	99.88	240.84	100.58	240.55	101.28	240.25	101.98
62	242.64	98.85	242.35	99.56	242.06	100.26	241.76	100.97	241.47	101.67	241.17	102.37
63	243.56	99.23	243.27	99.94	242.98	100.65	242.69	101.35	242.39	102.06	242.09	102.76
64	244.49	99.61	244.20	100.32	243.90	101.03	243.61	101.74	243.31	102.45	243.01	103.16
65	245.41	99.99	245.12	100.70	244.83	101.41	244.53	102.12	244.23	102.83	243.93	103.55
66	246.34	100.36	246.05	101.08	245.75	101.79	245.46	102.51	245.16	103.22	244.85	103.95
67	247.27	100.74	246.97	101.46	246.68	102.18	246.38	102.89	246.08	103.61	245.77	104.34
68	248.19	101.12	247.90	101.84	247.60	102.56	247.30	103.28	247.00	104.00	246.69	104.74
69	249.12	101.49	248.82	102.22	248.52	102.94	248 22	103.66	247.92	104.39	247.61	105.13
270	250.04	101.87	249.75	102.60	249.45	103.32	249.15	104.05	248.84	104.77	248.54	105.52
71	250.97	102.25	250.67	102.98	250.37	103.71	250.07	104.43	249.76	105.16	249.46	105.89
72	251.90	102.63	251.60	103.36	251.29	104.09	250.99	104.82	250.69	105.55	250.38	106.28
73	252.82	103.00	252.52	103.74	252.22	104.47	251.91	105.21	251.61	105.94	251.30	106.67
74	253.75	103.38	253.45	104.12	253.14	104.85	252.84	105.59	252.53	106.33	252.22	107.06
75	254.67	103.76	254.37	104.50	254.07	105.24	253.76	105.98	253.45	106.71	253.14	107.45
76	255.60	104.14	255.30	104.88	254.99	105.62	254.68	106.36	254.37	107.10	254.06	107.84
77	256.53	104.51	256.22	105.26	255.91	106.00	255.61	106.75	255.29	107.49	254.98	108.23
78	257.45	104.89	257.15	105.64	256.84	106.39	256.53	107.13	256.22	107.88	255.90	108.63
79	258.38	105.27	258.07	106.02	257.76	106.77	257.45	107.52	257.14	108.27	256.82	109.01
280	259.30	105.64	259.00	106.40	258.69	107.15	258.37	107.90	258.06	108.65	257.74	109.40
81	260.23	106.02	259.92	106.78	259.61	107.53	259.30	108.29	258.98	109.04	258.66	109.80
82	261.16	106.40	260.85	107.16	260.53	107.92	260.22	108.67	259.90	109.43	259.58	110.19
83	262.08	106.78	261.77	107.54	261.46	108.30	261.14	109.06	260.82	109.82	260.50	110.58
84	263.01	107.15	262.70	107.92	262.38	108.68	262.06	109.44	261.75	110.21	261.42	110.97
85	263.94	107 53	263.62	108.30	263.31	109.06	262.99	109.83	262.67	110.59	262.34	111.36
86	264.86	107.91	264.55	108.69	264.23	109.45	263.91	110.22	263.59	110.98	263.26	111.76
87	265.79	108.29	265.47	109.06	265.15	109.83	264.83	110.60	264.51	111.37	264.18	112.14
88	266.71	108.66	266.40	109.44	266.08	110.21	265.76	110.9-	265.43	111.76	265.10	112.53
89	267.64	109.04	267.32	109.82	267.00	110.60	266.68	111.37	266.35	112.15	266.02	112.93
290	268.57	109.42	268.25	110.20	267.93	110.98	267.60	111.76	267.28	112.58	266.93	113.31
91	269.49	109.79	269.17	110.58	268.85	111.36	268.52	112.14	268.20	112.92	267.87	113.70
92	270.42	110.17	270.10	110.96	269.77	111.74	269.45	112.53	269.12	113.31	268.79	114.09
93	271.34	110.55	271.02	111.34	270.70	112.13	270.37	112.91	270.04	113.70	269.71	114.48
94	272.27	110.93	271.95	111.72	271.62	112.51	271.29	113.30	270.96	114.09	270.63	114.87
95	273.20	111.30	272.87	112.10	272.54	112.89	272.22	113.68	271.88	114.48	271.55	115.27
96	274.12	111.68	273.80	112.48	273.47	113.27	273.14	114.07	272.80	114.86	272.47	115.66
97	275.05	112.06	274.72	112.86	274.39	113.66	274.06	114.45	273.73	115.25	273.39	116.05
98	275.97	112.44	275.65	113.24	275.32	114.04	274.98	114.84	274.65	115.63	274.31	116.44
99	276.90	112.81	276.57	113.62	276.24	114.42	275.9-	115.23	275.57	116.03	275.23	116.83
300	277.82	113.19	277.50	114.00	277.16	114.80	276.83	115.61	276.4-	116.42	276.15	117.22

D.	50' L.	D.	40' L.	D.	30' L.	D.	20' L.	D.	10' L.	D.	L.

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.92	0.39	0.92	0.40	0.92	0.40	0.92	0.40	0.91	0.40	0.91	0.41
2	1.84	0.79	1.84	0.79	1.83	0.80	1.83	0.80	1.83	0.81	1.83	0.81
3	2.76	1.18	2.75	1.19	2.75	1.20	2.75	1.20	2.74	1.21	2.74	1.22
4	3.68	1.57	3.67	1.58	3.67	1.60	3.66	1.61	3.66	1.62	3.65	1.63
5	4.60	1.97	4.59	1.98	4.59	1.99	4.58	2.01	4.57	2.02	4.57	2.03
6	5.52	2.36	5.51	2.38	5.50	2.39	5.50	2.41	5.49	2.42	5.48	2.44
7	6.44	2.75	6.43	2.77	6.42	2.79	6.41	2.81	6.40	2.83	6.39	2.85
8	7.35	3.15	7.35	3.17	7.34	3.19	7.33	3.21	7.32	3.23	7.31	3.25
9	8.27	3.54	8.26	3.56	8.25	3.59	8.24	3.61	8.23	3.64	8.22	3.66
10	9.19	3.93	9.18	3.96	9.17	3.99	9.16	4.01	9.15	4.04	9.14	4.07
11	10.11	4.33	10.10	4.36	10.09	4.39	10.07	4.42	10.06	4.44	10.05	4.47
12	11.03	4.72	11.02	4.75	11.00	4.79	10.99	4.82	10.98	4.85	10.96	4.88
13	11.95	5.11	11.94	5.15	11.92	5.18	11.91	5.22	11.89	5.25	11.88	5.29
14	12.87	5.51	12.86	5.55	12.84	5.58	12.82	5.62	12.81	5.66	12.79	5.69
15	13.79	5.90	13.77	5.94	13.76	5.98	13.74	6.02	13.72	6.06	13.70	6.10
16	14.71	6.29	14.69	6.34	14.67	6.38	14.65	6.42	14.64	6.47	14.62	6.51
17	15.63	6.69	15.61	6.73	15.59	6.78	15.57	6.82	15.55	6.87	15.53	6.91
18	16.55	7.08	16.53	7.13	16.51	7.18	16.48	7.23	16.47	7.27	16.44	7.32
19	17.47	7.47	17.45	7.53	17.42	7.58	17.40	7.63	17.38	7.68	17.36	7.73
20	18.39	7.87	18.36	7.92	18.34	7.98	18.32	8.03	18.29	8.08	18.27	8.13
21	19.31	8.26	19.28	8.32	19.26	8.37	19.23	8.43	19.21	8.49	19.18	8.54
22	20.23	8.65	20.20	8.71	20.18	8.77	20.15	8.83	20.12	8.89	20.10	8.95
23	21.15	9.05	21.12	9.11	21.09	9.17	21.07	9.23	21.04	9.29	21.01	9.35
24	22.06	9.44	22.04	9.51	22.01	9.57	21.98	9.63	21.95	9.70	21.93	9.76
25	22.98	9.84	22.96	9.90	22.93	9.97	22.90	10.04	22.87	10.10	22.84	10.17
26	23.90	10.23	23.87	10.30	23.84	10.37	23.81	10.44	23.78	10.51	23.75	10.58
27	24.82	10.62	24.79	10.69	24.76	10.77	24.73	10.84	24.70	10.91	24.67	10.98
28	25.74	11.02	25.71	11.09	25.68	11.17	25.65	11.24	25.61	11.31	25.58	11.39
29	26.66	11.41	26.63	11.49	26.59	11.56	26.56	11.64	26.53	11.72	26.49	11.80
30	27.58	11.80	27.55	11.88	27.51	11.96	27.48	12.04	27.44	12.12	27.41	12.20
31	28.50	12.20	28.46	12.28	28.43	12.36	28.39	12.44	28.36	12.53	28.32	12.61
32	29.42	12.59	29.38	12.67	29.35	12.76	29.31	12.85	29.27	12.93	29.23	13.02
33	30.34	12.98	30.30	13.07	30.26	13.16	30.22	13.25	30.19	13.33	30.15	13.42
34	31.26	13.38	31.22	13.47	31.18	13.56	31.14	13.65	31.10	13.74	31.06	13.83
35	32.18	13.77	32.14	13.86	32.10	13.96	32.06	14.05	32.02	14.14	31.97	14.24
36	33.10	14.16	33.06	14.26	33.01	14.36	32.97	14.45	32.93	14.55	32.89	14.64
37	34.02	14.56	33.97	14.65	33.93	14.75	33.89	14.85	33.84	14.95	33.80	15.05
38	34.94	14.95	34.89	15.05	34.85	15.15	34.80	15.25	34.76	15.35	34.71	15.46
39	35.86	15.34	35.81	15.45	35.77	15.55	35.72	15.66	35.67	15.76	35.63	15.86
40	36.77	15.74	36.78	15.84	36.68	15.95	36.64	16.06	36.59	16.16	36.54	16.27
41	37.69	16.13	37.65	16.24	37.60	16.35	37.55	16.46	37.50	16.57	37.46	16.68
42	38.61	16.52	38.57	16.64	38.52	16.75	38.47	16.86	38.42	16.97	38.37	17.08
43	39.53	16.92	39.48	17.03	39.43	17.15	39.38	17.26	39.33	17.38	39.28	17.49
44	40.45	17.31	40.40	17.43	40.35	17.55	40.30	17.66	40.25	17.78	40.20	17.90
45	41.37	17.70	41.32	17.82	41.27	17.94	41.22	18.06	41.16	18.18	41.11	18.30
46	42.29	18.10	42.24	18.22	42.18	18.34	42.13	18.47	42.08	18.59	42.02	18.71
47	43.21	18.49	43.16	18.62	43.10	18.74	43.05	18.87	42.99	18.99	42.94	19.12
48	44.13	18.88	44.07	19.01	44.02	19.14	43.96	19.27	43.91	19.40	43.85	19.52
49	45.05	19.28	44.99	19.41	44.94	19.54	44.88	19.67	44.82	19.80	44.76	19.93
50	45.97	19.67	45.91	19.80	45.85	19.94	45.79	20.07	45.74	20.20	45.68	20.34
51	46.89	20.06	46.83	20.20	46.77	20.34	46.71	20.47	46.65	20.61	46.59	20.74
52	47.81	20.46	47.75	20.60	47.69	20.74	47.63	20.87	47.57	21.01	47.50	21.15
53	48.73	20.85	48.67	20.99	48.60	21.13	48.54	21.28	48.48	21.42	48.42	21.56
54	49.65	21.24	49.58	21.39	49.52	21.53	49.46	21.68	49.40	21.82	49.33	21.96
55	50.57	21.64	50.50	21.78	50.44	21.93	50.37	22.08	50.31	22.22	50.25	22.37
56	51.48	22.03	51.42	22.18	51.36	22.33	51.29	22.48	51.22	22.63	51.16	22.78
57	52.40	22.42	52.34	22.58	52.27	22.73	52.21	22.88	52.14	23.03	52.07	23.18
58	53.32	22.82	53.26	22.97	53.19	23.13	53.12	23.28	53.05	23.44	52.99	23.59
59	54.24	23.21	54.17	23.37	54.11	23.53	54.04	23.68	53.97	23.84	53.90	24.00
60	55.16	23.60	55.09	23.76	55.02	23.93	54.95	24.08	54.88	24.24	54.81	24.40
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	219.88	98.66	219.59	99.30	219.30	99.94	219.01	100.58	218.72	101.22	218.42	101.85
42	220.79	99.07	220.50	99.71	220.21	100.36	219.92	101.00	219.62	101.64	219.33	102.27
43	221.70	99.48	221.41	100.13	221.12	100.77	220.83	101.41	220.53	102.06	220.23	102.70
44	222.61	99.89	222.32	100.54	222.03	101.19	221.74	101.83	221.44	102.48	221.14	103.12
45	223.53	100.30	223.23	100.95	222.94	101.60	222.64	102.25	222.35	102.90	222.05	103.54
46	224.44	100.71	224.15	101.36	223.85	102.01	223.55	102.67	223.25	103 32	222.95	103.96
47	225.35	101.12	225.06	101.78	224.76	102.43	224.46	103.08	224.16	103.74	223.86	104.39
48	226.26	101.53	225.97	102.19	225.67	102.84	225.37	103.50	225.07	104.16	224.76	104.81
49	227.18	101.94	226.88	102.60	226.58	103.26	226.28	103.92	225.98	104.58	225.67	105.23
250	228.09	102.35	227.79	103.01	227.49	103.67	227.19	104.33	226.88	105.00	226.58	105.65
51	229.00	102.76	228.70	103.42	228.40	104.09	228.10	104.75	227.79	105.41	227.48	106.08
52	229.91	103.17	229.61	103.84	229.31	104.50	229.01	105.17	228.70	105.83	228.39	106.50
53	230.83	103.58	230.52	104.25	230.22	104.92	229.91	105.59	229.61	106.25	229.30	106.92
54	231.74	103.99	231.44	104.66	231.13	105.33	230.82	106.00	230.51	106.67	230.20	107.34
55	232.65	104.39	232.35	105.07	232.04	105.75	231.73	106.42	231.42	107.09	231.11	107.77
56	233.56	104.80	233.26	105.48	232.95	106.16	232.64	106.84	232.33	107.51	232.02	108.19
57	234.48	105.21	234.17	105.90	233.86	106.58	233.55	107.26	233.24	107.93	232.92	108.61
58	235.39	105.62	235.08	106.31	234.77	106.99	234.46	107.67	234.14	108.35	233.83	109.04
59	236.30	106.03	235.99	106.72	235.68	107.41	235.37	108.09	235.05	108.77	234.73	109.46
260	237.21	106.44	236.90	107.13	236.59	107.82	236.28	108.51	235.96	109.19	235.64	109.88
61	238.12	106.85	237.81	107.54	237.50	108.23	237.18	108.93	236.87	109.61	236.55	110.30
62	239.04	107.26	238.72	107.96	238.41	108.65	238.09	109.34	237.77	110.03	237.45	110.73
63	239.95	107.67	239.64	108.37	239.32	109.06	239.00	109.76	238.68	110.45	238.36	111.15
64	240.86	108.08	240.55	108.78	240.23	109.48	239.91	110.18	239.59	110.87	239.27	111.57
65	241.77	108.49	241.46	109.19	241.14	109.89	240.82	110.59	240.50	111.29	240.17	111.99
66	242.69	108.90	242.37	109.60	242.05	110.31	241.73	111.01	241.40	111.71	241.08	112.42
67	243.60	109.31	243.28	110.02	242.96	110.72	242.64	111.43	242.31	112.13	241.98	112.84
68	244.51	109.72	244.19	110.43	243.87	111.14	243.55	111.85	243.22	112.55	242.89	113.26
69	245.42	110.13	245.10	110.84	244.78	111.55	244.45	112.26	244.13	112.97	243.80	113.68
270	246.34	110.54	246.01	111.25	245.69	111.97	245.36	112.68	245.03	113.39	244.70	114.11
71	247.25	110.95	246.93	111.66	246.60	112.38	246.27	113.10	245.94	113.81	245.61	114.53
72	248.16	111.35	247.84	112.08	247.51	112.80	247.18	113.52	246.85	114.23	246.52	114.95
73	249.07	111.76	248.75	112.49	248.42	113.21	248.09	113.93	247.76	114.65	247.42	115.37
74	249.99	112.17	249.66	112.90	249.33	113.63	249.00	114.35	248.66	115.07	248.33	115.80
75	250.90	112.58	250.57	113.31	250.24	114.04	249.91	114.77	249.57	115.49	249.23	116.22
76	251.81	112.99	251.48	113.72	251.15	114.46	250.82	115.19	250.48	115.91	250.14	116.64
77	252.72	113.40	252.39	114.14	252.06	114.87	251.72	115.60	251.39	116.33	251.05	117.07
78	253.63	113.81	253.30	114.55	252.97	115.28	252.63	116.02	252.29	116.75	251.95	117.49
79	254.55	114.22	254.21	114.96	253.88	115.70	253.54	116.44	253.20	117.17	252.86	117.91
280	255.46	114.63	255.13	115.37	254.79	116.11	254.45	116.85	254.11	117.59	253.77	118.33
81	256.37	115.04	256.04	115.78	255.70	116.53	255.36	117.27	255.02	118.01	254.67	118.76
82	257.28	115.45	256.95	116.20	256.61	116.94	256.27	117.69	255.92	118.43	255.58	119.18
83	258.20	115.86	257.86	116.61	257.52	117.36	257.18	118.11	256.83	118.85	256.49	119.60
84	259.11	116.27	258.77	117.02	258.43	117.77	258.09	118.52	257.74	119.27	257.39	120.02
85	260.02	116.68	259.68	117.43	259.34	118.19	258.99	118.94	258.65	119.69	258.30	120.45
86	260.93	117.09	260.59	117.84	260.25	118.60	259.90	119.36	259.55	120.11	259.20	120.87
87	261.85	117.50	261.50	118.26	261.16	119.02	260.81	119.78	260.46	120.53	260.11	121.29
88	262.76	117.90	262.41	118.67	262.07	119.43	261.72	120.19	261.37	120.95	261.02	121.71
89	263.67	118.31	263.33	119.08	262.98	119.85	262.63	120.61	262.28	121.37	261.92	122.14
290	264.58	118.72	264.24	119.49	263.89	120.26	263.54	121.03	263.18	121.79	262.83	122.56
91	265.50	119.13	265.15	119.91	264.80	120.68	264.45	121.45	264.09	122.21	263.74	122.98
92	266.41	119.54	266.06	120.32	265.71	121.09	265.36	121.86	265.00	122.63	264.64	123.40
93	267.32	119.95	266.97	120.73	266.62	121.51	266.26	122.28	265.91	123.05	265.55	123.83
94	268.23	120.36	267.88	121.14	267.53	121.92	267.17	122.70	266.81	123.47	266.45	124.25
95	269.15	120.77	268.79	121.55	268.44	122.33	268.08	123.11	267.72	123.89	267.36	124.67
96	270.06	121.18	269.70	121.97	269.35	122.75	268.99	123.53	268.63	124.31	268.27	125.09
97	270.97	121.59	270.62	122.38	270.26	123.16	269.90	123.95	269.54	124.73	269.17	125.52
98	271.88	122.00	271.53	122.79	271.17	123.58	270.81	124.37	270.44	125.15	270.08	125.94
99	272.79	122.41	272.44	123.20	272.08	123.99	271.72	124.78	271.35	125.57	270.99	126.36
300	273.71	122.82	273.35	123.61	272.99	124.41	272.63	125.20	272.26	125.99	271.89	126.78

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

25°

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.91	0.43	0.90	0.43	0.90	0.43	0.90	0.43	0.90	0.44	0.90	0.44
2	1.81	0.85	1.81	0.86	1.81	0.86	1.80	0.87	1.80	0.87	1.80	0.88
3	2.72	1.28	2.71	1.28	2.71	1.29	2.70	1.30	2.70	1.31	2.70	1.32
4	3.62	1.70	3.62	1.71	3.61	1.72	3.61	1.73	3.60	1.74	3.60	1.75
5	4.53	2.13	4.52	2.14	4.51	2.15	4.51	2.17	4.50	2.18	4.49	2.19
6	5.43	2.55	5.42	2.57	5.42	2.58	5.41	2.60	5.40	2.61	5.39	2.63
7	6.34	2.98	6.33	3.00	6.32	3.01	6.31	3.03	6.30	3.05	6.29	3.07
8	7.24	3.40	7.23	3.42	7.22	3.44	7.21	3.47	7.20	3.49	7.19	3.51
9	8.15	3.83	8.13	3.85	8.12	3.87	8.11	3.90	8.10	3.92	8.09	3.95
10	9.05	4.25	9.04	4.28	9.03	4.31	9.01	4.33	9.00	4.36	8.99	4.38
11	9.96	4.68	9.94	4.71	9.93	4.74	9.91	4.76	9.90	4.79	9.89	4.82
12	10.86	5.10	10.85	5.13	10.83	5.17	10.82	5.20	10.80	5.23	10.79	5.26
13	11.77	5.53	11.75	5.56	11.73	5.60	11.72	5.63	11.70	5.66	11.68	5.70
14	12.67	5.95	12.65	5.99	12.64	6.03	12.62	6.06	12.60	6.10	12.58	6.14
15	13.58	6.38	13.56	6.42	13.54	6.46	13.52	6.50	13.50	6.54	13.48	6.58
16	14.48	6.80	14.46	6.85	14.44	6.89	14.42	6.93	14.40	6.97	14.38	7.01
17	15.39	7.23	15.37	7.27	15.34	7.32	15.32	7.36	15.30	7.41	15.28	7.45
18	16.29	7.65	16.27	7.70	16.25	7.75	16.22	7.80	16.20	7.84	16.18	7.89
19	17.20	8.08	17.17	8.13	17.15	8.18	17.13	8.23	17.10	8.28	17.08	8.33
20	18.10	8.51	18.08	8.56	18.05	8.61	18.03	8.66	18.00	8.72	17.98	8.77
21	19.01	8.93	18.98	8.99	18.95	9.04	18.93	9.10	18.90	9.15	18.87	9.21
22	19.91	9.36	19.88	9.41	19.86	9.47	19.83	9.53	19.80	9.59	19.77	9.64
23	20.82	9.78	20.79	9.84	20.76	9.90	20.73	9.96	20.70	10.02	20.67	10.08
24	21.72	10.21	21.69	10.27	21.66	10.33	21.63	10.40	21.60	10.46	21.57	10.52
25	22.63	10.63	22.60	10.70	22.56	10.76	22.53	10.83	22.50	10.89	22.47	10.96
26	23.53	11.06	23.50	11.12	23.47	11.19	23.43	11.26	23.40	11.33	23.37	11.40
27	24.44	11.48	24.40	11.55	24.37	11.62	24.34	11.69	24.30	11.77	24.27	11.84
28	25.34	11.91	25.31	11.98	25.27	12.05	25.24	12.13	25.20	12.20	25.17	12.27
29	26.25	12.33	26.21	12.41	26.17	12.48	26.14	12.56	26.10	12.64	26.06	12.71
30	27.15	12.76	27.12	12.84	27.08	12.92	27.04	12.99	27.00	13.07	26.96	13.15
31	28.06	13.18	28.02	13.26	27.98	13.35	27.94	13.43	27.90	13.51	27.86	13.59
32	28.96	13.61	28.92	13.69	28.88	13.78	28.84	13.86	28.80	13.94	28.76	14.03
33	29.87	14.03	29.83	14.12	29.79	14.21	29.74	14.29	29.70	14.38	29.66	14.47
34	30.77	14.46	30.73	14.55	30.69	14.64	30.65	14.73	30.60	14.82	30.56	14.90
35	31.68	14.88	31.63	14.98	31.59	15.07	31.55	15.16	31.50	15.25	31.46	15.34
36	32.58	15.31	32.54	15.40	32.49	15.50	32.45	15.59	32.40	15.69	32.36	15.78
37	33.49	15.73	33.44	15.83	33.40	15.93	33.35	16.03	33.30	16.12	33.26	16.22
38	34.39	16.16	34.35	16.26	34.30	16.36	34.25	16.46	34.20	16.56	34.15	16.66
39	35.30	16.58	35.25	16.69	35.20	16.79	35.15	16.89	35.10	16.99	35.05	17.10
40	36.20	17.01	36.15	17.12	36.10	17.22	36.05	17.33	36.00	17.43	35.95	17.53
41	37.11	17.44	37.06	17.54	37.01	17.65	36.95	17.76	36.90	17.87	36.85	17.97
42	38.01	17.86	37.96	17.97	37.91	18.08	37.86	18.19	37.80	18.30	37.75	18.41
43	38.92	18.29	38.87	18.40	38.81	18.51	38.76	18.62	38.70	18.74	38.65	18.85
44	39.82	18.71	39.77	18.83	39.71	18.94	39.66	19.06	39.60	19.17	39.55	19.29
45	40.73	19.14	40.67	19.25	40.62	19.37	40.56	19.49	40.50	19.61	40.45	19.73
46	41.63	19.56	41.58	19.68	41.52	19.80	41.46	19.92	41.40	20.04	41.34	20.17
47	42.54	19.99	42.48	20.11	42.42	20.23	42.36	20.36	42.30	20.48	42.24	20.60
48	43.44	20.41	43.38	20.54	43.32	20.66	43.26	20.79	43.20	20.92	43.14	21.04
49	44.35	20.84	44.29	20.97	44.23	21.10	44.17	21.22	44.10	21.35	44.04	21.48
50	45.25	21.26	45.19	21.39	45.13	21.53	45.07	21.66	45.00	21.79	44.94	21.92
51	46.16	21.69	46.10	21.82	46.03	21.96	45.97	22.09	45.90	22.22	45.84	22.36
52	47.06	22.11	47.00	22.25	46.93	22.39	46.87	22.52	46.80	22.66	46.74	22.80
53	47.97	22.54	47.90	22.68	47.84	22.82	47.77	22.96	47.70	23.10	47.64	23.23
54	48.87	22.96	48.81	23.11	48.74	23.25	48.67	23.39	48.60	23.53	48.53	23.67
55	49.78	23.39	49.71	23.53	49.64	23.68	49.57	23.82	49.50	23.97	49.43	24.11
56	50.68	23.81	50.62	24.96	50.54	24.11	50.47	24.26	50.40	24.40	50.33	24.55
57	51.59	24.24	51.52	24.39	51.45	24.54	51.38	24.69	51.30	24.84	51.23	24.99
58	52.49	24.66	52.42	24.82	52.35	24.97	52.28	25.12	52.20	25.27	52.13	25.43
59	53.40	25.09	53.33	25.25	53.25	25.40	53.18	25.55	53.10	25.71	53.03	25.86
60	54.30	25.52	54.23	25.67	54.16	25.83	54.08	25.99	54.00	26.15	53.93	26.30

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	55.21	25.9?	55.13	26.10	55.06	26.26	54.98	26.42	54.90	26.58	54.83	26.74
62	56.11	26.37	56.04	26.53	55.96	26.69	55.88	26.85	55.80	27.02	55.78	27.18
63	57.02	26.79	56.94	26.96	56.86	27.12	56.78	27.29	56.70	27.45	56.62	27.62
64	57.92	27.22	57.85	27.38	57.77	27.55	57.69	27.72	57.60	27.89	57.52	28.06
65	58.83	27.64	58.75	27.81	58.67	27.98	58.59	28.15	58.50	28.32	58.42	28.49
66	59.73	28.07	59.65	28.24	59.57	28.41	59.49	28.59	59.40	28.76	59.32	28.93
67	60.64	28.49	60.56	28.67	60.47	28.84	60.39	29.02	60.30	29.20	60.22	29.37
68	61.54	28.9?	61.46	29.10	61.38	29.27	61.29	29.45	61.20	29.63	61.12	29.81
69	62.45	29.34	62.36	29.52	62.28	29.71	62.19	29.89	62.10	30.07	62.02	30.25
70	63.36	29.77	63.27	29.95	63.18	30.14	63.09	30.32	63.00	30.50	62.92	30.69
71	64.26	30.19	64.17	30.38	64.08	30.57	63.99	30.75	63.90	30.94	63.81	31.12
72	65.17	30.62	65.08	30.81	64.99	31.00	64.90	31.19	64.80	31.37	64.71	31.56
73	66.07	31.04	65.98	31.24	65.89	31.43	65.80	31.62	65.70	31.81	65.61	32.00
74	66.98	31.47	66.88	31.66	66.79	31.86	66.70	32.05	66.60	32.25	66.51	32.44
75	67.88	31.89	67.79	32.09	67.69	32.29	67.60	32.49	67.51	32.68	67.41	32.88
76	68.79	32.32	68.69	32.52	68.60	32.72	68.50	32.92	68.41	33.12	68.31	33.32
77	69.69	32.74	69.60	32.95	69.50	33.15	69.40	33.35	69.31	33.55	69.21	33.75
78	70.60	33.17	70.50	33.37	70.40	33.58	70.30	33.78	70.21	33.99	70.11	34.19
79	71.50	33.59	71.40	33.80	71.30	34.01	71.20	34.22	71.11	34.42	71.00	34.63
80	72.41	34.02	72.31	34.23	72.21	34.44	72.11	34.65	72.01	34.86	71.90	35.07
81	73.31	34.45	73.21	34.66	73.11	34.87	73.01	35.08	72.91	35.30	72.80	35.51
82	74.22	34.87	74.12	35.09	74.01	35.30	73.91	35.52	73.81	35.73	73.70	35.95
83	75.12	35.30	75.02	35.51	74.91	35.73	74.81	35.95	74.71	36.17	74.60	36.38
84	76.03	35.72	75.92	35.94	75.82	36.16	75.71	36.38	75.61	36.60	75.50	36.82
85	76.93	36.15	76.83	36.37	76.72	36.59	76.61	36.82	76.51	37.04	76.40	37.26
86	77.84	36 57	77.73	36.80	77.62	37.02	77.51	37.25	77.41	37.47	77.30	37.70
87	78.74	37.00	78.63	36.23	78.52	37.45	78.42	37.68	78.31	37.91	78.19	38.14
88	79.65	37.42	79.54	37.65	79.43	37.88	79.32	38.12	79.21	38.35	79.09	38.58
89	80.55	37.85	80.44	37.08	80.33	38.32	80.22	38.55	80.11	38.78	79.99	39.02
90	81.46	38.27	81.35	38.51	81.23	38.75	81.12	38.98	81.01	39.21	80.89	39.45
91	82.36	38.70	82.25	38.94	82.14	39.18	82.02	39.42	81.91	39.65	81.79	39.89
92	83.27	39.12	83.15	39.37	83.04	39.61	82.92	39.85	82.81	40.09	82.69	40.33
93	84.17	39.55	84.06	39.79	83.94	40.04	83.82	40.28	83.71	40.53	83.59	40.77
94	85.08	39,97	84.96	40.22	84.84	40.47	84.72	40.71	84.61	40.96	84.49	41.21
95	85.98	40.40	85.87	40.65	85.75	40.90	85.63	41.15	85.51	41.40	85.39	41.65
96	86.89	40.82	86.77	41.08	86.65	41.33	86.53	41.58	86.41	41.83	86.28	42.08
97	87.79	41.25	87.67	41.50	87.55	41.76	87.43	42.01	87.31	42.27	87.18	42.52
98	88.70	41.67	88.58	41.93	88.45	42.19	88.33	42.45	88.21	42.70	88.08	42.96
99	89.60	42.10	89.48	42.36	89.36	42.62	89.23	42.88	89.11	43.14	88.98	43.40
100	90,51	42,53	90.38	42.79	90.26	43.05	90.13	43.31	90.01	43.58	89.88	43.84
01	91.41	42.95	91.29	43.22	91.16	43.48	91.03	43.75	90.91	44.01	90.78	44.28
02	92.32	43.38	92.19	43.64	92.06	43.91	91.94	44.18	91.81	44.45	91.68	44.71
03	93.22	43.80	93.10	44.07	92.97	44.34	92.84	44.61	92.71	44.88	92.58	45.15
04	94.13	44.23	94.00	44.50	93.87	44.77	93.74	45.05	93.61	45.32	93.47	45.59
05	95.03	44.65	94.90	44.93	94.77	45.20	94.64	45.48	94.51	45.75	94.37	46.03
06	95.94	45.08	95.81	45.36	95.67	45 63	95.54	45.91	95.41	46.19	95.27	46.47
07	96.84	45.50	96.71	45.78	96.58	46.06	96.44	46.35	96.31	46.63	96.17	46.91
08	97.75	45.93	97.62	46.21	97.48	46.50	97.34	46.78	97.21	47.06	97.07	47.34
09	98.65	46.35	98.52	46.64	98.38	46.93	98.24	47.21	98.11	47.50	97.97	47.78
110	99.56	46.78	99.42	47.07	99.28	47.36	99.15	47.64	99.01	47.93	98.87	48.22
11	100.46	47.20	100.33	47.50	100.19	47.79	100.05	48.08	99.91	48.37	99.77	48.66
12	101.37	47.63	101.23	47.92	101.09	48.22	100.95	48.51	100.81	48.80	100.66	49.10
13	102.27	48.05	102.13	48.35	101.99	48.65	101.85	48.94	101.71	49.24	101.56	49.54
14	103.18	48.48	103.04	48.78	102.89	49.08	102.75	49.38	102.61	49.68	102.46	49.97
15	104.08	48.90	103.94	49.21	103.80	49.51	103.65	49.81	103.51	50.11	103.36	50,41
16	104.99	49.33	104.85	49.63	104.70	49.94	104.55	50.24	104.41	50.55	104.26	50.85
17	105.89	49.75	105.75	50.06	105.60	50.37	105.46	50.68	105.31	50.98	105.16	51.29
18	106.80	50.18	106.65	50.49	106.51	50.80	106.36	51.11	106.21	51.42	106.06	51.73
19	107.70	50.60	107.56	50.92	107.41	51.23	107.26	51.54	107.11	51.85	106.96	52.17
120	108.61	51.03	108.46	51.35	108.31	51.66	108.16	51.98	108.01	52.29	107.86	52.60

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	109.51	51.46	109.37	51.77	109.21	52.09	109.06	52.41	108.91	52.73	108.75	53.04
22	110.42	51.88	110.27	52.20	110.12	52.52	109.96	52.84	109.81	53.16	109.65	53.48
23	111.32	52.31	111.17	52.63	111.02	52.95	110.86	53 28	110.71	53.60	110.55	53.92
24	112.23	52.73	112.08	53.06	111.92	53.38	111.76	53.71	111.61	54.03	111.45	54.36
25	113.13	53-16	112.98	53.49	112.82	53.81	112.67	54.14	112.51	54.47	112.35	54.80
26	114.04	53.58	113.88	53.91	113.73	54.24	113.57	54.58	113.41	54.91	113.25	55.23
27	114.94	54.01	114.79	54.34	114.63	54.67	114.47	55.01	114.31	55.34	114.15	55.67
28	115.85	54.43	115.69	54.77	115.53	55.11	115.37	55.44	115.21	55.78	115.05	56.11
29	116.75	54.86	116.60	55.20	116.43	55.54	116.27	55.87	116.11	56.21	115.94	56.55
130	117.66	55.28	117.50	55.62	117.34	55.97	117.17	56.31	117.01	56.65	116.84	56.99
31	118.56	55.71	118.40	56.05	118.24	56.40	118.07	56.74	117.91	57.08	117.74	57.43
32	119.47	56.13	119.31	56.48	119.14	56.83	118.98	57.17	118.81	57.52	118.64	57.87
33	120.37	56.56	120.21	56.91	120.04	57.26	119.88	57.61	119.71	57.96	119.54	58.30
34	121.28	56.98	121.12	57.34	120.95	57.69	120.78	58.04	120.61	58.39	120.44	58.74
35	122.18	57.41	122.02	57.76	121.85	58.12	121.68	58.47	121.51	58.83	121.34	59.18
36	123.09	57.83	122.92	58.19	122.75	58.55	122.58	58.91	122.41	59.26	122.24	59.62
37	124.99	58.26	123.83	58.62	123.65	58.98	123.48	59.34	123.31	59.70	123.13	59.06
38	124.90	58.68	124.73	59.05	124.56	59.41	124.38	59.77	124.21	60.13	124.03	60.50
39	125.81	59.11	125.63	59.48	125.46	59.84	125.28	60.21	125.11	60.57	124.93	60.93
140	126.71	59.54	126.54	59.96	126.36	60.27	126.19	60.64	126.01	61.01	125.83	61.37
41	127.62	59.96	127,44	60.33	127.26	60.70	127.09	61.07	126.91	61.44	126.73	61.81
42	128.52	60.39	128.35	60.76	128.17	61.13	127.99	61.51	127.81	61.88	127.63	62.25
43	129.43	60.81	129.25	61.19	129.07	61.56	128.89	61.94	128.71	62.31	128.53	62.69
44	130.33	61.24	130.15	61.62	129.97	61.99	129.79	62.37	129.61	62.75	129.43	63.13
45	131.24	61,66	131.06	62.04	130.87	62.42	130.69	62.80	130.51	63.18	130.33	63.56
46	132.14	62.09	131.96	62.47	131.78	62.85	131.59	63.24	131.41	63.62	131.22	64.00
47	133.05	62.51	132.87	62,90	132.68	63.28	132.50	63.67	132.31	64.06	132.12	64.44
48	133.95	62.94	133.77	63.33	133.58	63,72	133.40	64.10	133.21	64.49	133.02	64.88
49	134.86	63.36	134.67	63.75	134.49	64,15	134.30	64.54	134.11	64.93	133.92	65.32
150	135.76	63.79	135.58	64.18	135.39	64.58	135.20	64.97	135.01	65.36	134.82	65.76
51	136.67	64.21	136.48	64.61	136.29	65.01	136.10	65,40	135.91	65.80	135.72	66.19
52	137,57	64.64	137,38	65.04	137.19	65.44	137.00	65.84	136.81	66.23	136.62	66.63
53	138.48	65,06	138.29	65.47	138.10	65.87	137.90	66.27	137.71	66,67	137.52	67.07
54	139.38	65,49	139,19	65,89	139.00	66.30	138.80	66.70	138.61	67.11	138.41	67.51
55	140.29	65,91	140.10	66,32	139.90	66,73	139.71	67,14	139.51	67,54	139.31	67.95
56	141.19	66.34	141.00	66.75	140.80	67.16	140.61	67.57	140.41	67.98	140.21	68.39
57	142.10	66.76	141,90	67.18	141.71	67.59	141.51	68.00	141.31	68.41	141.11	68.82
58	143.00	67,19	142.81	67.61	142.61	68.02	142.41	68.44	142.21	68,85	142.01	69.26
59	143.91	67.61	143.71	68.03	143.51	68.45	143.31	68.87	143.11	69.29	142.91	69.70
160	144.81	68.04	144.62	68.46	144.41	68.88	144.21	69.30	144.01	69.72	143.81	70.14
61	145.72	68.47	145.52	68.89	145.32	69.31	145.11	69.73	144.91	70.16	144.71	70.58
62	146.62	68.89	146.42	69.32	146.22	69.74	146.02	70.17	145.81	70.59	145.60	71.02
63	147.53	69.32	147.33	69.74	147.12	70.17	146.92	70.60	146.71	71.03	146.50	71.45
64	148.43	69.74	148.23	70.17	148.02	70.60	147.82	71.03	147.61	71.46	147.40	71.89
65	149.34	70.17	149.13	70.60	148.93	71.03	148.72	71.47	148.51	71.90	148.30	72.33
66	150.24	70.59	150.04	71.03	149.83	71.46	149.62	71.90	149.41	72.34	149.20	72.77
67	151.15	71.02	150.94	71.46	150.73	71.90	150.52	72.33	150.31	72.77	150.10	73.21
68	152.05	71.44	151.85	71.88	151.63	72.33	151.42	72.77	151.21	73.21	151.00	73.65
69	152.96	71.87	152.75	72.31	152.54	72.76	152.32	73.20	152.11	73.64	151.90	74.08
170	153.86	72.29	153.65	72.74	153.44	73.19	153.23	73.63	153.01	74.08	152.79	74.52
71	154.77	72.72	154.56	73.17	154.34	73.62	154.13	74.07	153.91	74.51	153.69	74.96
72	155.67	73.14	155.46	73.60	155.24	74.05	155.03	74.50	154.81	74.95	154.59	75.40
73	156.58	73.57	156.37	74.02	156.15	74.48	155.93	74.93	155.71	75.39	155.49	75.84
74	157.48	73.99	157.27	74.45	157.05	74.91	156.83	75.37	156.61	75.82	156.39	76.28
75	158.39	74.42	158.17	74.88	157.95	75.34	157.73	75.80	157.51	76.26	157.29	76.72
76	159.29	74.84	159.08	75.31	158.85	75.77	158.63	76.23	158.41	76.69	158.19	77.15
77	160.20	75.27	159.98	75.74	159.76	76.20	159.54	76.66	159.31	77.13	159.09	77.59
78	161.10	75.69	160.88	76.16	160.66	76.63	160.44	77.10	160.21	77.56	159.99	78.03
79	162.01	76.12	161.79	76.59	161.56	77.06	161.34	77,53	161,11	78.00	160.88	78.47
180	162.91	76.55	162.69	77.02	162.47	77.49	162.24	77,96	162.01	78.44	161.78	78.91
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.91	0.41	0.91	0.41	0.91	0.41	0.91	0.42	0.91	0.42	0.91	0.42
2	1.82	0.82	1.82	0.82	1.82	0.83	1.82	0.83	1.82	0.84	1.81	0.85
3	2.74	1.23	2.73	1.24	2.73	1.24	2.73	1.25	2.72	1.26	2.72	1.27
4	3.65	1.64	3.64	1.65	3.64	1.66	3.64	1.67	3.63	1.68	3.63	1.69
5	4.56	2.05	4.56	2.06	4.55	2.07	4.54	2.09	4.54	2.10	4.53	2.11
6	5.47	2.46	5.47	2.47	5.46	2.49	5.45	2.50	5.45	2.52	5.44	2.54
7	6.39	2.87	6.38	2.88	6.37	2.90	6.36	2.92	6.35	2.94	6.34	2.96
8	7.30	3.28	7.29	3.30	7.28	3.32	7.27	3.34	7.26	3.36	7.25	3.38
9	8.21	3.68	8.20	3.71	8.19	3.73	8.18	3.76	8.17	3.78	8.16	3.80
10	9.12	4.09	9.11	4.12	9.10	4.15	9.09	4.17	9.08	4.20	9.06	4.23
11	10.04	4.50	10.02	4.53	10.01	4.56	10.00	4.59	9.98	4.62	9.97	4.65
12	10.95	4.91	10.93	4.94	10.92	4.98	10.91	5.01	10.89	5.04	10.88	5.07
13	11.86	5.32	11.85	5.36	11.83	5.39	11.81	5.43	11.80	5.46	11.78	5.49
14	12.77	5.73	12.76	5.77	12.74	5.81	12.72	5.84	12.71	5.88	12.69	5.92
15	13.69	6.14	13.67	6.18	13.65	6.22	13.63	6.26	13.61	6.30	13.59	6.34
16	14.60	6.55	14.58	6.59	14.56	6.64	14.54	6.68	14.52	6.72	14.50	6.76
17	15.51	6.96	15.49	7.00	15.47	7.05	15.45	7.09	15.43	7.14	15.41	7.18
18	16.42	7.37	16.40	7.42	16.38	7.46	16.36	7.51	16.34	7.56	16.31	7.61
19	17.33	7.78	17.31	7.83	17.29	7.88	17.27	7.93	17.24	7.98	17.22	8.03
20	18.25	8.19	18.22	8.24	18.20	8.29	18.18	8.35	18.15	8.40	18.13	8.45
21	19.16	8.60	19.13	8.65	19.11	8.71	19.08	8.76	19.06	8.82	19.03	8.87
22	20.07	9.01	20.05	9.06	20.02	9.12	19.99	9.18	19.97	9.24	19.94	9.30
23	20.98	9.42	20.96	9.48	20.93	9.54	20.90	9.60	20.87	9.66	20.85	9.72
24	21.90	9.82	21.87	9.89	21.84	9.95	21.81	10.02	21.78	10.08	21.75	10.14
25	22.81	10.23	22.78	10.30	22.75	10.37	22.72	10.43	22.69	10.50	22.66	10.57
26	23.72	10.64	23.69	10.71	23.66	10.78	23.63	10.85	23.60	10.92	23.56	10.99
27	24.63	11.05	24.60	11.13	24.57	11.20	24.54	11.27	24.50	11.34	24.47	11.41
28	25.55	11.46	25.51	11.54	25.48	11.61	25.45	11.69	25.41	11.76	25.38	11.83
29	26.46	11.87	26.42	11.95	26.39	12.03	26.35	12.10	26.32	12.18	26.28	12.26
30	27.37	12.28	27.33	12.36	27.30	12.44	27.26	12.52	27.23	12.60	27.19	12.68
31	28.28	12.69	28.25	12.77	28.21	12.86	28.17	12.94	28.13	13.02	28.10	13.10
32	29.20	13.10	29.16	13.19	29.12	13.27	29.08	13.35	29.04	13.44	29.00	13.52
33	30.11	13.51	30.07	13.60	30.03	13.68	29.99	13.77	29.95	13.86	29.91	13.95
34	31.02	13.92	30.98	14.01	30.94	14.10	30.90	14.19	30.86	14.28	30.81	14.37
35	31.93	14.33	31.89	14.42	31.85	14.51	31.81	14.61	31.76	14.70	31.72	14.79
36	32.84	14.74	32.80	14.83	32.76	14.93	32.72	15.02	32.67	15.12	32.63	15.21
37	33.76	15.15	33.71	15.25	33.67	15.34	33.62	15.44	33.58	15.54	33.53	15.64
38	34.67	15.56	34.62	15.66	34.58	15.76	34.53	15.86	34.49	15.96	34.44	16.06
39	35.58	15.97	35.54	16.07	35.49	16.17	35.44	16.28	35.39	16.38	35.35	16.48
40	36.49	16.38	36.45	16.48	36.40	16.59	36.35	16.69	36.30	16.80	36.25	16.90
41	37.41	16.79	37.36	16.89	37.31	17.00	37.26	17.11	37.21	17.22	37.16	17.33
42	38.32	17.19	38.27	17.31	38.22	17.42	38.17	17.53	38.12	17.64	38.06	17.75
43	39.23	17.60	39.18	17.72	39.13	17.83	39.08	17.95	39.02	18.06	38.97	18.17
44	40.14	18.01	40.09	18.13	40.04	18.25	39.99	18.36	39.93	18.48	39.88	18.60
45	41.06	18.42	41.00	18.54	40.95	18.66	40.89	18.78	40.84	18.90	40.78	19.02
46	41.97	18.83	41.91	18.95	41.86	19.08	41.80	19.20	41.75	19.32	41.69	19.44
47	42.88	19.24	42.82	19.37	42.77	19.49	42.71	19.61	42.65	19.74	42.60	19.86
48	43.79	19.65	43.74	19.78	43.68	19.91	43.62	20.03	43.56	20.16	43.50	20.29
49	44.71	20.06	44.65	20.19	44.59	20.32	44.53	20.45	44.47	20.58	44.41	20.71
50	45.62	20.47	45.56	20.60	45.50	20.73	45.44	20.87	45.38	21.00	45.32	21.13
51	46.53	20.88	46.47	21.01	46.41	21.15	46.35	21.28	46.28	21.42	46.22	21.55
52	47.44	21.29	47.38	21.43	47.32	21.56	47.26	21.70	47.19	21.84	47.13	21.98
53	48.35	21.70	48.29	21.84	48.23	21.98	48.16	22.12	48.10	22.26	48.04	22.40
54	49.27	22.11	49.20	22.25	49.14	22.39	49.07	22.54	49.01	22.68	48.94	22.82
55	50.18	22.52	50.11	22.66	50.05	22.81	49.98	23.95	49.91	23.10	49.85	23.24
56	51.09	22.93	51.03	23.07	50.96	23.22	50.89	23.37	50.82	23.52	50.75	23.67
57	52.00	23.34	51.94	23.49	51.87	23.64	51.80	23.79	51.73	23.94	51.66	24.09
58	52.92	23.74	52.85	23.90	52.78	24.05	52.71	24.21	52.64	24.36	52.57	24.51
59	53.83	24.15	53.76	24.31	53.69	24.47	53.62	24.62	53.54	24.78	53.47	24.93
60	54.74	24.56	54.67	24.72	54.60	24.88	54.53	25.04	54.45	24.20	54.38	25.36

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10		0'	

24°

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	55.65	24.97	55.58	25.13	55.51	25.30	55.43	25.46	55.36	25.62	55.28	25.78
62	56.57	25.38	56.49	25.55	56.42	25.71	56.34	25.87	56.27	26.04	56.19	26.20
63	57.48	25.79	57.40	25.96	57.33	26.13	57.25	26.29	57.17	26.46	57.10	26.62
64	58.39	26.20	58.31	26.37	58.24	26.54	58.16	26.71	58.08	26.88	58.00	27.05
65	59.30	26.61	59.23	26.78	59.15	26.95	59.07	27.13	58.99	27.30	58.91	27.47
66	60.22	27.02	60.14	27.19	60.06	27.37	59.98	27.54	59.90	27.72	59.82	27.89
67	61.13	27.43	61.05	27.61	60.97	27.78	60.89	27.96	60.80	28.14	60.72	28.32
68	62.04	27.84	61.96	28.02	61.88	28.20	61.80	28.38	61.71	28.56	61.63	28.74
69	62.95	28.25	62.87	28.43	62.79	28.61	62.70	28.80	62.62	28.98	62.54	29.16
70	63.86	28.66	63.78	28.84	63.70	29.03	63.61	29.21	63.53	29.40	63.44	29.58
71	64.78	29.07	64.69	29.26	64.61	29.44	64.52	29.63	64.43	29.82	64.35	30.01
72	65.69	29.48	65.60	29.67	65.52	29.86	65.43	30.05	65.34	30.24	65.25	30.43
73	66.60	29.89	66.51	30.08	66.43	30.27	66.34	30.47	66.25	30.66	66.16	30.85
74	67.51	30.30	67.43	30.49	67.34	30.69	67.25	30.88	67.16	31.08	67.07	31.27
75	68.43	30.70	68.34	30.90	68.25	31.10	68.16	31.30	68.06	31.50	67.97	31.70
76	69.34	31.11	69.25	31.32	69.16	31.52	69.07	31.72	68.97	31.92	68.88	32.12
77	70.25	31.52	70.16	31.73	70.07	31.93	69.97	32.14	69.88	32.34	69.79	32.54
78	71.16	31.93	71.07	32.14	70.98	32.35	70.88	32.55	70.79	32.76	70.69	32.96
79	72.08	32.34	71.98	32.55	71.89	32.76	71.79	32.97	71.70	33.18	71.60	33.39
80	72.99	32.75	72.89	32.96	72.80	33.18	72.70	33.39	72.60	33.60	72.50	33.81
81	73.90	33.16	73.80	33.38	73.71	33.59	73.61	33.80	73.51	34.02	73.41	34.23
82	74.81	33.57	74.72	33.79	74.62	34.00	74.52	34.22	74.42	34.44	74.32	34.65
83	75.73	33.98	75.63	34.20	75.53	34.42	75.43	34.64	75.33	34.86	75.22	35.08
84	76.64	34.39	76.54	34.61	76.44	34.83	76.34	35.06	76.23	35.28	76.13	35.50
85	77.55	34.80	77.45	35.02	77.35	35.25	77.24	35.47	77.14	35.70	77.04	35.92
86	78.46	35.21	78.36	35.44	78.26	35.66	78.15	35.89	78.05	36.12	77.94	36.35
87	79.37	35.62	79.27	35.85	79.17	36.08	79.06	36.31	78.96	36.54	78.85	36.77
88	80.29	36.03	80.18	36.26	80.08	36.49	79.97	36.73	79.86	36.96	79.76	37.19
89	81.20	36.44	81.09	36.67	80.99	36.91	80.88	37.14	80.77	37.38	80.66	37.61
90	82.11	36.85	82.00	37.08	81.90	37.32	81.79	37.56	81.68	37.80	81.57	38.04
91	83.02	37.25	82.92	37.50	82.81	37.74	82.70	37.98	82.59	38.22	82.47	38.46
92	83.94	37.66	83.83	37.91	83.72	38.15	83.61	38.40	83.49	38.64	83.38	38.88
93	84.85	38.07	84.74	38.32	84.63	38.57	84.51	38.81	84.40	39.06	84.29	39.30
94	85.76	38.48	85.65	38.73	85.54	38.98	85.42	39.23	85.31	39.48	85.19	39.73
95	86.67	38.89	86.56	39.14	86.45	39.40	86.33	39.65	86.22	39.90	86.10	40.15
96	87.59	39.30	87.47	39.56	87.36	39.81	87.24	40.06	87.12	40.32	87.01	40.57
97	88.50	39.71	88.38	39.97	88.27	40.23	88.15	40.48	88.03	40.74	87.91	40.99
98	89.41	40.12	89.29	40.38	89.18	40.64	89.06	40.90	88.94	41.16	88.82	41.42
99	90.32	40.53	90.21	40.79	90.09	41.05	89.97	41.32	89.85	41.58	89.72	41.84
100	91.24	40.94	91.12	41.20	91.00	41.47	90.88	41.73	90.75	42.00	90.63	42.26
01	92.15	41.35	92.03	41.62	91.91	41.88	91.78	42.15	91.66	42.42	91.54	42.68
02	93.06	41.76	92.94	42.03	92.82	42.30	92.69	42.57	92.57	42.84	92.44	43.11
03	93.97	42.17	93.85	42.44	93.73	42.71	93.60	42.99	93.48	43.26	93.35	43.53
04	94.89	42.58	94.76	42.85	94.64	43.13	94.51	43.40	94.38	43.68	94.26	43.95
05	95.80	42.99	95.67	43.26	95.55	43.54	95.42	43.82	95.29	44.10	95.16	44.37
06	96.71	43.40	96.58	43.68	96.46	43.96	96.33	44.24	96.20	44.52	96.07	44.80
07	97.62	43.80	97.49	44.09	97.37	44.37	97.24	44.66	97.11	44.94	96.98	45.22
08	98.53	44.21	98.41	44.50	98.28	44.79	98.15	45.07	98.01	45.36	97.88	45.64
09	99.45	44.62	99.32	44.91	99.19	45.20	99.05	45.49	98.92	45.78	98.79	46.07
110	100.36	45.03	100.23	45.32	100.10	45.62	99.96	45.91	99.83	46.20	99.69	46.49
11	101.27	45.44	101.14	45.74	101.01	46.03	100.87	46.32	100.74	46.62	100.60	46.91
12	102.18	45.85	102.05	46.15	101.92	46.45	101.78	46.74	101.64	47.04	101.51	47.33
13	103.10	46.26	102.96	46.56	102.83	46.86	102.69	47.16	102.55	47.46	102.41	47.76
14	104.01	46.67	103.87	46.97	103.74	47.28	103.60	47.58	103.46	47.88	103.32	48.18
15	104.92	47.08	104.78	47.39	104.65	47.69	104.51	47.99	104.37	48.30	104.23	48.60
16	105.83	47.49	105.69	47.80	105.56	48.10	105.42	48.41	105.27	48.72	105.13	49.02
17	106.75	47.90	106.61	48.21	106.47	48.52	106.32	48.83	106.18	49.14	106.04	49.45
18	107.66	48.31	107.52	48.62	107.38	48.93	107.23	49.25	107.09	49.56	106.94	49.87
19	108.57	48.72	108.43	49.03	108.29	49.35	108.14	49.66	108.00	49.98	107.85	50.29
120	109.48	49.13	109.34	49 45	109.20	49.76	109.05	50.08	108.90	50.40	108.76	50.71

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'			

65°

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	110.40	49.54	110.25	49.86	110.11	50.18	109.96	50.50	109.81	50.82	109.6	51.1
22	111.31	49.95	111.16	50.27	111.02	50.59	110.87	50.92	110.72	51.24	110.57	51.5
23	112.22	50.36	112.07	50.68	111.93	51.01	111.78	51.33	111.63	51.66	111.48	51.9
24	113.13	50.76	112.98	51.09	112.84	51.42	112.69	51.75	112.53	52.08	112.38	52.4
25	114.04	51.17	113.90	51.51	113.75	51.84	113.59	52.17	113.44	52.50	113.29	52.83
26	114.96	51.58	114.81	51.92	114.65	52.25	114.50	52.58	114.35	52.92	114.19	53.25
27	115.87	51.99	115.72	52.33	115.56	52.67	115.41	53.00	115.26	53.34	115.10	53.67
28	116.78	52.40	116.63	52.74	116.47	53.08	116.32	53.42	116.16	53.76	116.01	54.10
29	117.69	52.81	117.54	53.15	117.38	53.50	117.23	53.84	117.07	54.18	116.91	54.52
130	118.61	53.22	118.45	53.57	118.29	53.91	118.14	54.25	117.98	54.60	117.82	54.94
31	119.52	53.63	119.36	53.98	119.20	54.32	119.05	54.67	118.89	55.02	118.73	55.36
32	120.43	54.04	120.27	54.39	120.11	54.74	119.96	55.09	119.79	55.44	119.63	55.79
33	121.34	54.45	121.18	54.80	121.02	55.15	120.86	55.51	120.70	55.86	120.54	56.21
34	122.26	54.86	122.10	55.21	121.93	55.57	121.77	55.92	121.61	56.28	121.45	56.63
35	123.17	55.27	123.01	55.63	122.84	55.98	122.68	56.34	122.52	56.70	122.35	57.05
36	124.08	55.68	123.92	56.04	123.75	56.40	123.59	56.76	123.42	57.12	123.26	57.48
37	124.99	56.09	124.83	56.45	124.66	56.81	124.50	57.18	124.33	57.54	124.16	57.90
38	125.91	56.50	125.74	56.86	125.57	57.23	125.41	57.59	125.24	57.96	125.07	58.32
39	126.82	56.91	126.65	57.27	126.48	57.64	126.32	58.01	126.15	58.38	125.98	58.74
140	127.73	57.31	127.56	57.69	127.39	58.06	127.23	58.43	127.05	58.80	126.88	59.17
41	128.64	57.72	128.47	58.10	128.30	58.47	128.13	58.84	127.96	59.22	127.79	59.59
42	129.55	58.13	129.39	58.51	129.21	58.89	129.04	59.26	128.87	59.64	128.70	60.01
43	130.47	58.54	130.30	58.92	130.12	59.30	129.95	59.68	129.78	60.06	129.60	60.43
44	131.38	58.95	131.21	59.33	131.03	59.72	130.86	60.10	130.68	60.48	130.51	60.86
45	132.29	59.36	132.12	59.75	131.94	60.13	131.77	60.51	131.59	60.90	131.41	61.28
46	133.20	59.77	133.03	60.16	132.85	60.55	132.68	60.93	132.50	61.32	132.32	61.70
47	134.12	60.18	133.94	60.57	133.76	60.96	133.59	61.35	133.41	61.74	133.23	62.12
48	135.03	60.59	134.85	60.98	134.67	61.37	134.50	61.77	134.31	62.16	134.13	62.55
49	135.94	61.00	135.76	61.39	135.58	61.79	135.40	62.18	135.22	62.58	135.04	62.97
150	136.85	61.41	136.67	61.81	136.49	62.20	136.31	62.60	136.13	63.00	135.95	63.39
51	137.77	61.82	137.59	62.22	137.40	62.62	137.22	63.02	137.04	63.42	136.85	63.82
52	138.68	62.23	138.50	62.63	138.31	63.03	138.13	63.44	137.95	63.84	137.76	64.24
53	139.59	62.64	139.41	63.04	139.22	63.45	139.04	63.85	138.85	64.26	138.67	64.66
54	140.50	63.05	140.32	63.45	140.13	63.86	139.95	64.27	139.76	64.68	139.57	65.08
55	141.42	63.46	141.23	63.87	141.04	64.28	140.86	64.69	140.67	65.10	140.48	65.51
56	142.33	63.87	142.14	64.28	141.95	64.69	141.77	65.10	141.58	65.52	141.38	65.93
57	143.24	64.27	143.05	64.69	142.86	65.11	142.67	65.52	142.48	65.94	142.29	66.35
58	144.15	64.68	143.96	64.10	143.77	65.52	143.58	65.94	143.39	66.36	143.20	66.77
59	145.06	65.09	144.87	65.52	144.68	65.94	144.49	66.36	144.30	66.78	144.10	67.20
160	145.98	65.50	145.79	65.93	145.59	66.35	145.40	66.77	145.21	67.20	145.01	67.62
61	146.89	65.91	146.70	66.34	146.50	66.77	146.31	67.19	146.11	67.62	145.92	68.04
62	147.80	66.32	147.61	66.75	147.41	67.18	147.22	67.61	147.02	68.04	146.82	68.46
63	148.71	66.73	148.52	67.16	148.32	67.59	148.13	68.03	147.93	68.46	147.73	68.89
64	149.63	67.14	149.43	67.58	149.23	68.01	149.04	68.44	148.84	68.88	148.63	69.31
65	150.54	67.55	150.34	67.99	150.14	68.42	149.94	68.86	149.74	69.30	149.54	69.73
66	151.45	67.96	151.25	68.40	151.05	68.84	150.85	69.28	150.65	69.72	150.45	70.15
67	152.36	68.37	152.16	68.81	151.96	69.25	151.76	69.70	151.56	70.14	151.35	70.58
68	153.28	68.78	153.08	69.22	152.87	69.67	152.67	70.11	152.47	70.56	152.26	71.00
69	154.19	69.19	153.99	69.64	153.78	70.08	153.58	70.53	153.37	70.98	153.17	71.42
170	155.10	69.60	154.90	70.05	154.69	70.50	154.49	70.95	154.28	71.40	154.07	71.85
71	156.01	70.01	155.81	70.46	155.60	70.91	155.40	71.36	155.19	71.82	154.98	72.27
72	156.93	70.42	156.72	70.87	156.51	71.33	156.31	71.78	156.10	72.24	155.89	72.69
73	157.84	70.82	157.63	71.28	157.42	71.74	157.21	72.20	157.00	72.66	156.79	73.11
74	158.75	71.23	158.54	71.70	158.33	72.16	158.12	72.62	157.91	73.08	157.70	73.54
75	159.66	71.64	159.45	72.11	159.24	72.57	159.03	73.03	158.82	73.50	158.60	73.96
76	160.57	72.05	160.36	72.52	160.15	72.99	159.94	73.45	159.73	73.92	159.51	74.38
77	161.48	72.46	161.28	72.93	161.06	73.40	160.85	73.87	160.63	74.34	160.42	74.80
78	162.40	72.87	162.19	73.34	161.97	73.82	161.76	74.29	161.54	74.76	161.32	75.23
79	163.31	73.28	163.10	73.76	162.88	74.23	162.67	74.70	162.45	75.18	162.23	75.65
180	164.22	73.69	164.01	74.17	163.79	74.64	163.58	75.12	163.36	75.60	163.14	76.07

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	165.14	74.10	164.92	74.58	164.70	75.06	164.48	75.54	164.26	76.02	164.04	76.49
82	166.05	74.51	165.83	74.99	165.61	75.47	165.39	75.96	165.17	76.44	164.95	76.92
83	166.96	74.92	166.74	75.40	166.52	75.89	166.30	76.37	166.08	76.86	165.85	77.34
84	167.87	75.33	167.65	75.82	167.43	76.30	167.21	76.79	166.99	77.28	166.76	77.76
85	168.79	75.74	168.57	76.23	168.34	76.72	168.12	77.21	167.89	77.70	167.67	78.18
86	169.70	76.15	169.48	76.64	169.25	77.13	169.03	77.62	168.80	78.12	168.57	78.61
87	170.61	76.56	170.39	77.05	170.16	77.55	169.94	78.04	169.71	78.54	169.48	79.03
88	171.52	76.97	171.30	77.46	171.07	77.96	170.85	78.46	170.62	78.96	170.39	79.45
89	172.44	77.38	172.21	77.88	171.98	78.38	171.75	78.88	171.52	79.38	171.29	79.87
190	173.35	77.78	173.12	78.29	172.89	78.79	172.66	79.29	172.43	79.80	172.20	80.30
91	174.26	78.19	174.03	78.70	173.80	79.21	173.57	79.71	173.34	80.22	173.11	80.72
92	175.17	78.60	174.94	79.11	174.71	79.62	174.48	80.13	174.25	80.64	174.01	81.14
93	176.08	79.01	175.85	79.52	175.62	80.04	175.39	80.55	175.15	81.06	174.92	81.57
94	177.00	79.42	176.77	79.94	176.53	80.45	176.30	80.96	176.06	81.48	175.82	81.99
95	177.91	79.83	177.68	80.35	177.44	80.87	177.21	81.38	176.97	81.90	176.73	82.41
96	178.82	80.24	178.59	80.76	178.35	81.28	178.12	81.80	177.88	82.32	177.64	82.83
97	179.73	80.65	179.50	81.17	179.26	81.69	179.02	82.22	178.78	82.74	178.54	83.26
98	180.65	81.06	180.41	81.58	180.17	82.11	179.93	82.63	179.69	83.16	179.45	83.68
99	181.56	81.47	181.32	82.00	181.08	82.52	180.84	83.05	180.60	83.58	180.36	84.10
200	182.47	81.88	182.23	82.41	181.99	82.94	181.75	83.47	181.51	84.00	181.26	84.52
01	183.38	82.29	183.14	82.82	182.90	83.35	182.66	83.88	182.41	84.42	182.17	84.95
02	184.30	82.70	184.05	83.23	183.81	83.77	183.57	84.30	183.32	84.84	183.07	85.37
03	185.21	83.11	184.97	83.65	184.72	84.18	184.48	84.72	184.23	85.26	183.98	85.79
04	186.12	83.52	185.88	84.06	185.63	84.60	185.39	85.14	185.14	85.68	184.89	86.21
05	187.03	83.93	186.79	84.47	186.54	85.01	186.29	85.55	186.04	86.10	185.79	86.64
06	187.95	84.33	187.70	84.88	187.45	85.43	187.20	85.97	186.95	86.52	186.70	87.06
07	188.86	84.74	188.61	85.29	188.36	85.84	188.11	86.39	187.86	86.94	187.61	87.48
08	189.77	85.15	189.52	85.71	189.27	86.26	189.02	86.81	188.77	87.36	188.51	87.90
09	190.68	85.56	190.43	86.12	190.18	86.67	189.93	87.22	189.67	87.78	189.42	88.33
210	191.59	85.97	191.34	86.53	191.09	87.09	190.84	87.64	190.58	88.20	190.32	88.75
11	192.51	86.38	192.26	86.94	192.00	87.50	191.75	88.06	191.49	88.62	191.23	89.17
12	193.42	86.79	193.17	87.35	192.91	87.91	192.66	88.48	192.40	89.04	192.14	89.60
13	194.33	87.20	194.08	87.77	193.82	88.33	193.56	88.89	193.30	89.46	193.04	90.02
14	195.24	87.61	194.99	88.18	194.73	88.74	194.47	89.31	194.21	89.88	193.95	90.44
15	196.16	88.02	195.90	88.59	195.64	89.16	195.38	89.73	195.12	90.30	194.86	90.86
16	197.07	88.43	196.81	89.00	196.55	89.57	196.29	90.15	196.03	90.72	195.76	91.29
17	197.98	88.84	197.72	89.41	197.46	89.99	197.20	90.56	196.93	91.14	196.67	91.71
18	198.89	89.25	198.63	89.83	198.37	90.40	198.11	90.98	197.84	91.56	197.58	92.13
19	199.81	89.66	199.54	90.24	199.28	90.82	199.02	91.40	198.75	91.98	198.48	92.55
220	200.72	90.07	200.46	90.65	200.19	91.23	199.93	91.81	199.66	92.40	199.39	92.98
21	201.63	90.48	201.37	91.06	201.10	91.65	200.83	92.23	200.56	92.82	200.29	93.40
22	202.54	90.89	202.28	91.47	202.01	92.06	201.74	92.65	201.47	93.24	201.20	93.82
23	203.46	91.29	203.19	91.89	202.92	92.48	202.65	93.07	202.38	93.66	202.11	94.24
24	204.37	91.70	204.10	92.30	203.83	92.89	203.56	93.48	203.29	94.08	203.01	94.67
25	205.28	92.11	205.01	92.71	204.74	93.31	204.47	93.90	204.19	94.50	203.92	95.09
26	206.19	92.52	205.92	93.12	205.65	93.72	205.38	94.32	205.10	94.92	204.83	95.51
27	207.10	92.93	206.83	93.53	206.56	94.14	206.29	94.74	206.01	95.34	205.73	95.93
28	208.02	93.34	207.75	93.95	207.47	94.55	207.20	95.15	206.92	95.76	206.64	96.36
29	208.93	93.75	208.66	94.36	208.38	94.96	208.10	95.57	207.83	96.18	207.54	96.78
230	209.84	94.16	209.57	94.77	209.29	95.38	209.01	95.99	208.73	96.60	208.45	97.20
31	210.75	94.57	210.48	95.18	210.20	95.79	209.92	96.41	209.64	97.02	209.36	97.62
32	211.67	94.98	211.39	95.59	211.11	96.21	210.83	96.82	210.55	97.44	210.26	98.05
33	212.58	95.39	212.30	96.01	212.02	96.62	211.74	97.24	211.46	97.86	211.17	98.47
34	213.49	95.80	213.21	96.42	212.93	97.04	212.65	97.66	212.36	98.28	212.08	98.89
35	214.40	96.21	214.12	96.83	213.84	97.45	213.56	98.07	213.27	98.70	212.98	99.32
36	215.32	96.62	215.03	97.24	214.75	97.87	214.47	98.49	214.18	99.12	213.89	99.74
37	216.23	97.03	215.95	97.65	215.66	98.28	215.37	98.91	215.09	99.54	214.80	100.16
38	217.14	97.44	216.86	98.07	216.57	98.70	216.28	99.33	215.99	99.96	215.70	100.58
39	218.05	97.84	217.77	98.48	217.48	99.11	217.19	99.74	216.90	100.38	216.61	101.01
240	218.97	98.25	218.68	98.89	218.39	99.53	218.10	100.16	217.81	100.80	217.51	101.43

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	108.60	53.36	108.44	53.67	108.28	53.99	108.13	54.30	107.97	54.62	107.81	54.93
22	109.50	53.80	109.34	54.12	109.18	54.44	109.02	54.75	108.86	55.07	108.70	55.39
23	110.39	54.24	110.24	54.56	110.07	54.88	109.92	55.20	109.76	55.52	109.59	55.84
24	111.29	54.68	111.13	55.01	110.97	55.33	110.81	55.65	110.65	55.97	110.48	56.29
25	112.19	55.12	112.03	55.45	111.86	55.77	111.70	56.10	111.54	56.42	111.38	56.75
26	113.09	55.56	112.92	55.89	112.76	56.22	112.60	56.55	112.43	56.88	112.27	57.20
27	113.98	56.01	113.82	56.34	113.65	56.67	113.49	57.00	113.32	57.33	113.16	57.65
28	114.88	56.45	114.72	56.78	114.55	57.11	114.39	57.45	114.22	57.78	114.05	58.11
29	115.78	56.89	115.61	57.22	115.44	57.56	115.28	57.90	115.11	58.23	114.94	58.56
130	116.68	57.33	116.51	57.67	116.34	58.01	116.17	58.34	116.00	58.68	115.83	59.02
31	117.57	57.77	117.41	58.11	117.23	58.45	117.07	58.79	116.89	59.13	116.72	59.47
32	118.47	58.21	118.30	58.55	118.13	58.90	117.96	59.24	117.79	59.58	117.61	59.93
33	119.37	58.65	119.20	59.00	119.02	59.34	118.85	59.69	118.68	60.04	118.50	60.38
34	120.27	59.09	120.09	59.44	119.92	59.79	119.75	60.14	119.57	60.49	119.39	60.83
35	121.16	59.53	120.99	59.88	120.81	60.24	120.64	60.59	120.46	60.94	120.29	61.29
36	122.06	59.97	121.89	60.33	121.71	60.68	121.53	61.04	121.36	61.39	121.18	61.74
37	122.96	60.41	122.78	60.77	122.60	61.13	122.43	61.49	122.25	61.84	122.07	62.20
38	123.86	60.86	123.68	61.22	123.50	61.58	123.32	61.93	123.14	62.29	122.96	62.65
39	124.75	61.30	124.58	61.66	124.39	62.02	124.21	62.38	124.03	62.74	123.85	63.10
140	125.65	61.74	125.47	62.10	125.29	62.47	125.11	62.83	124.93	63.20	124.74	63.56
41	126.55	62.18	126.37	62.55	126.18	62.91	126.00	63.28	125.82	63.65	125.63	64.01
42	127.45	62.62	127.26	62.99	127.08	63.36	126.90	63.73	126.71	64.10	126.52	64.47
43	128.34	63.06	128.16	63.43	127.97	63.81	127.79	64.18	127.60	64.55	127.41	64.92
44	129.24	63.50	129.06	63.88	128.87	64.25	128.68	64.63	128.49	65.00	128.30	65.37
45	130.14	63.94	129.95	64.32	129.76	64.70	129.58	65.08	129.39	65.45	129.20	65.83
46	131.04	64.38	130.85	64.76	130.66	65.14	130.47	65.52	130.28	65.90	130.09	66.28
47	131.93	64.82	131.75	65.21	131.55	65.59	131.36	65.97	131.17	66.36	130.98	66.74
48	132.83	65.27	132.64	65.65	132.45	66.04	132.26	66.42	132.06	66.81	131.87	67.19
49	133.73	65.71	133.54	66.10	133.34	66.48	133.15	66.87	132.96	67.26	132.76	67.64
150	134.63	66.15	134.43	66.54	134.24	66.93	134.04	67.32	133.85	67.71	133.65	68.10
51	135.53	66.59	135.33	66.98	135.13	67.38	134.94	67.77	134.74	68.16	134.54	68.55
52	136.42	67.03	136.23	67.43	136.03	67.82	135.83	68.22	135.63	68.61	135.43	69.01
53	137.32	67.47	137.12	67.87	136.92	68.27	136.73	68.67	136.53	69.06	136.32	69.46
54	138.22	67.91	138.02	68.31	137.82	68.71	137.62	69.12	137.42	69.52	137.21	69.91
55	139.12	68.35	138.92	68.76	138.71	69.16	138.51	69.56	138.31	69.97	138.11	70.37
56	140.01	68.79	139.81	69.20	139.61	69.61	139.41	70.01	139.20	70.42	139.00	70.82
57	140.91	69.23	140.71	69.64	140.50	70.05	140.30	70.46	140.09	70.87	139.89	71.28
58	141.81	69.68	141.60	70.09	141.40	70.50	141.19	70.91	140.99	71.32	140.78	71.73
59	142.71	70.12	142.50	70.53	142.29	70.95	142.09	71.36	141.88	71.77	141.67	72.18
160	143.60	70.56	143.40	70.97	143.19	71.39	142.98	71.81	142.77	72.22	142.56	72.64
61	144.50	71.00	144.29	71.42	144.08	71.84	143.87	72.26	143.66	72.67	143.45	73.09
62	145.40	71.44	145.19	71.86	144.98	72.28	144.77	72.71	144.56	73.13	144.34	73.55
63	146.30	71.88	146.09	72.31	145.87	72.73	145.66	73.15	145.45	73.58	145.23	74.00
64	147.19	72.32	146.98	72.75	146.77	73.18	146.56	73.60	146.34	74.03	146.12	74.45
65	148.09	72.76	147.88	73.19	147.66	73.62	147.45	74.05	147.23	74.48	147.02	74.91
66	148.99	73.20	148.77	73.64	148.56	74.07	148.34	74.50	148.13	74.93	147.91	75.36
67	149.89	73.64	149.67	74.08	149.45	74.52	149.24	74.95	149.02	75.38	148.80	75.82
68	150.78	74.09	150.57	74.52	150.35	74.96	150.13	75.40	149.91	75.83	149.69	76.27
69	151.68	74.53	151.46	74.97	151.24	75.41	151.02	75.85	150.80	76.29	150.58	76.72
170	152.58	74.97	152.36	75.41	152.14	75.85	151.92	76.30	151.69	76.74	151.47	77.18
71	153.48	75.41	153.26	75.85	153.03	76.30	152.81	76.74	152.59	77.19	152.36	77.63
72	154.37	75.85	154.15	76.30	153.93	76.75	153.70	77.19	153.48	77.64	153.25	78.09
73	155.27	76.29	155.05	76.74	154.82	77.19	154.60	77.64	154.37	78.09	154.14	78.54
74	156.17	76.73	155.94	77.19	155.72	77.64	155.49	78.09	155.26	78.54	155.03	78.99
75	157.07	77.17	156.84	77.63	156.61	78.08	156.39	78.54	156.16	78.99	155.93	79.45
76	157.96	77.61	157.74	78.07	157.51	78.53	157.28	78.99	157.05	79.45	156.82	79.90
77	158.86	78.05	158.63	78.52	158.40	78.98	158.17	79.44	157.94	79.90	157.71	80.36
78	159.76	78.50	159.53	78.96	159.30	79.42	159.07	79.89	158.83	80.35	158.60	80.81
79	160.66	78.94	160.42	79.40	160.19	79.87	159.96	80.34	159.73	80.80	159.49	81.26
180	161.55	79.38	161.32	79.85	161.09	80.32	160.85	80.78	160.62	81.25	160.38	81.72

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	162.45	79.82	162.22	80.29	161.98	80.76	161.75	81.23	161.51	81.70	161.27	82.17
82	163.35	80.26	163.11	80.73	162.88	81.21	162.64	81.68	162.40	82.15	162.16	82.63
83	164.25	80.70	164.01	81.18	163.77	81.65	163.53	82.13	163.29	82.61	163.05	83.08
84	165.14	81.14	164.91	81.62	164.67	82.10	164.43	82.58	164.19	83.06	163.94	83.53
85	166.04	81.58	165.80	82.06	165.56	82.55	165.32	83.03	165.08	83.51	164.84	83.99
86	166.94	82.02	166.70	82.51	166.46	82.99	166.22	83.48	165.97	83.96	165.73	84.44
87	167.84	82.46	167.59	82.95	167.35	83.44	167.11	83.93	166.86	84.41	166.62	84.90
88	168.73	82.91	168.49	83.40	168.25	83.89	168.00	84.37	167.76	84.86	167.51	85.35
89	169.63	83.35	169.39	83.84	169.14	84.33	168.90	84.82	168.65	85.31	168.40	85.80
190	170.53	83.79	170.28	84.28	170.04	84.78	169.79	85.27	169.54	85.77	169.29	86.26
91	171.43	84.23	171.18	84.73	170.93	85.22	170.68	85.72	170.43	86.22	170.18	86.71
92	172.32	84.67	172.08	85.17	171.83	85.67	171.58	86.17	171.33	86.67	171.07	87.17
93	173.22	85.11	172.97	85.61	172.72	86.12	172.47	86.62	172.22	87.12	171.96	87.62
94	174.12	85.55	173.87	86.06	173.62	86.56	173.36	87.07	173.11	87.57	172.85	88.07
95	175.02	85.99	174.76	86.50	174.51	87.01	174.26	87.52	174.00	88.02	173.75	88.53
96	175.91	86.43	175.66	86.94	175.41	87.45	175.15	87.96	174.90	88.47	174.64	88.98
97	176.81	86.87	176.56	87.39	176.30	87.90	176.05	88.41	175.79	88.93	175.53	89.44
98	177.71	87.32	177.45	87.83	177.20	88.35	176.94	88.86	176.68	89.38	176.42	89.89
99	178.61	87.76	178.35	88.27	178.09	88.79	177.83	89.31	177.57	89.83	177.31	90.34
200	179.50	88.20	179.25	88.72	178.99	89.24	178.73	89.76	178.46	90.28	178.20	90.80
01	180.40	88.64	180.14	89.16	179.88	89.69	179.62	90.21	179.36	90.73	179.09	91.25
02	181.30	89.08	181.04	89.61	180.78	90.13	180.51	90.66	180.25	91.18	179.98	91.71
03	182.20	89.52	181.93	90.05	181.67	90.58	181.41	91.11	181.14	91.63	180.87	92.16
04	183.09	89.96	182.83	90.49	182.57	91.02	182.30	91.55	182.03	92.08	181.76	92.61
05	183.99	90.40	183.73	90.94	183.46	91.47	183.19	92.00	182.93	92.54	182.66	93.07
06	184.88	90.84	184.62	91.38	184.36	91.92	184.09	92.45	183.82	92.99	183.55	93.52
07	185.79	91.28	185.52	91.82	185.25	92.36	184.98	92.90	184.71	93.44	184.44	93.98
08	186.68	91.72	186.42	92.27	186.15	92.81	185.88	93.35	185.60	93.89	185.33	94.43
09	187.58	92.17	187.31	92.71	187.04	93..6	186.77	93.80	186.50	94.34	186.22	94.88
210	188.48	92.61	188.21	93.15	187.94	93.70	187.66	94.25	187.39	94.79	187.11	95.34
11	189.38	93.05	189.10	93.60	188.83	94.15	188.56	94.70	188.28	95.24	188.00	95.79
12	190.27	93.49	190.00	94.04	189.73	94.59	189.45	95.15	189.17	95.70	188.89	96.25
13	191.17	93.93	190.90	94.49	190.62	95.04	190.34	95.59	190.06	96.15	189.78	96.70
14	192.07	94.37	191.79	94.93	191.52	95.39	191.24	96.04	190.96	96.60	190.67	97.15
15	192.97	94.81	192.69	95.3	192.41	95.93	192.13	96.49	191.85	97.05	191.57	97.61
16	193.86	95.25	193.59	95.8	193.31	96.38	193.02	96.94	192.74	97.50	192.46	98.06
17	194.76	95.69	194.48	96.2	194.20	96.82	193.92	97.39	193.63	97.95	193.35	98.52
18	195.66	96.13	195.38	96.7	195.10	97.27	194.81	97.84	194.53	98.40	194.24	98.97
19	196.56	96.58	196.27	97.1	195.99	97.72	195.71	98.29	195.42	98.86	195.13	99.42
220	197.45	97.02	197.17	97.5	196.89	98.16	196.60	98.74	196.31	99.31	196.02	99.88
21	198.35	97.46	198.07	98.03	197.78	98.61	197.49	99.18	197.20	99.76	196.91	100.33
22	199.25	97.90	198.96	98.48	198.68	99.06	198.39	99.63	198.10	100.21	197.80	100.79
23	200.15	98.34	199.86	98.92	199.57	99.50	199.28	100.08	198.99	100.66	198.69	101.24
24	201.04	98.78	200.76	99.3	200.47	99.95	200.17	100.53	199.88	101.11	199.58	101.69
25	201.94	99.22	201.65	99.8	201.36	100.39	201.07	100.98	200.77	101.56	200.48	102.15
26	202.84	99.66	202.55	100.2	202.26	100.84	201.96	101.43	201.66	102.02	201.37	102.60
27	203.74	100.10	203.44	100.7	203.15	101.29	202.85	101.88	202.56	102.47	202.26	103.06
28	204.63	100.54	204.34	101.14	204.05	101.73	203.75	102.33	203.45	102.92	203.15	103.51
25	205.53	100.99	205.24	101.58	204.94	102.18	204.64	102.77	204.34	103.37	204.04	103.96
230	206.43	101.43	206.13	102.03	205.84	102.63	205.54	103.22	205.23	103.82	204.93	104.42
31	207.33	101.87	207.03	102.47	206.73	103.07	206.43	103.67	206.13	104.27	205.82	104.87
32	208.22	102.31	207.93	102.91	207.63	103.52	207.32	104.12	207.02	104.72	206.71	105.33
33	209.12	102.75	208.82	103.36	208.52	103.96	208.22	104.57	207.91	105.18	207.60	105.78
34	210.02	103.19	209.72	103.80	209.42	104.41	209.11	105.02	208.80	105.63	208.49	106.23
35	210.92	103 63	210.61	104.24	210.31	104.86	210.00	105.47	209.70	106.08	209.39	106.69
36	211.82	104.07	211.51	104.69	211.21	105.30	210.90	105.92	210.59	106.53	210.28	107.14
37	212.71	104.51	212.41	105.13	212.10	105.75	211.79	106.37	211.48	106.98	211.17	107.60
38	213.61	104.95	213.30	105.57	213.00	106.20	212.68	106.81	212.37	107.43	212.06	108.05
39	214.51	105.40	214.20	106.02	213.89	106.64	213.58	107.26	213.26	107.88	212.95	108.50
240	215.40	105.84	215.09	106.46	214.79	107.09	214.47	107.71	214.16	108.34	213.84	108.96

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
241	216.30	106.28	215.99	106.91	215.68	107.53	215.37	108.16	215.05	108.79	214.73	109.41
42	217.20	106.72	216.89	107.35	216.58	107.98	216.26	108.61	215.94	109.24	215.62	109.87
43	218.10	107.16	217.78	107.79	217.47	108.43	217.15	109.06	216.83	109.69	216.51	110.32
44	218.99	107.60	218.68	108.24	218.37	108.87	218.05	109.51	217.73	110.14	217.40	110.77
45	219.89	108.04	219.58	108.68	219.26	109.32	218.94	109.96	218.62	110.59	218.30	111.23
46	220.79	108.48	220.47	109.12	220.16	109.76	219.83	110.40	219.51	111.04	219.19	111.68
47	221.69	108.92	221.37	109.57	221.05	110.21	220.73	110.85	220.40	111.50	220.08	112.14
48	222.58	109.36	222.26	110.01	221.94	110.66	221.62	111.30	221.30	111.95	220.97	112.59
49	223.48	109.81	223.16	110.45	222.84	111.10	222.51	111.75	222.19	112.40	221.86	113.04
250	224.38	110.25	224.06	110.90	223.73	111.55	223.41	112.20	223.08	112.85	222.75	113.50
51	225.28	110.69	224.95	111.34	224.63	112.00	224.30	112.65	223.97	113.30	223.64	113.95
52	226.17	111.13	225.85	111.79	225.52	112.44	225.20	113.10	224.87	113.75	224.53	114.41
53	227.07	111.57	226.75	112.23	226.42	112.89	226.09	113.55	225.76	114.20	225.42	114.86
54	227.97	112.01	227.64	112.67	227.31	113.33	226.98	113.99	226.65	114.65	226.31	115.31
55	228.87	112.45	228.54	113.12	228.21	113.78	227.88	114.44	227.54	115.11	227.21	115.77
56	229.76	112.89	229.43	113.56	229.10	114.23	228.77	114.89	228.43	115.56	228.10	116.22
57	230.66	113.33	230.33	114.00	230.00	114.67	229.66	115.34	229.33	116.01	228.99	116.68
58	231.56	113.77	231.23	114.45	230.89	115.12	230.56	115.79	230.22	116.46	229.88	117.13
59	232.46	114.22	232.12	114.89	231.79	115.57	231.45	116.24	231.11	116.91	230.77	117.58
260	233.35	114.66	233.02	115.33	232.68	116.01	232.34	116.69	232.00	117.36	231.66	118.04
61	234.25	115.10	233.92	115.78	233.58	116.46	233.24	117.14	232.90	117.81	232.55	118.49
62	235.15	115.54	234.81	116.22	234.47	116.90	234.13	117.59	233.79	118.27	233.44	118.95
63	236.05	115.98	235.71	116.66	235.37	117.35	235.03	118.03	234.68	118.72	234.33	119.40
64	236.94	116.42	236.60	117.11	236.26	117.80	235.92	118.48	235.57	119.17	235.22	119.85
65	237.84	116.86	237.50	117.55	237.16	118.24	236.81	118.93	236.47	119.62	236.12	120.31
66	238.74	117.30	238.40	118.00	238.05	118.69	237.71	119.38	237.36	120.07	237.01	120.76
67	239.64	117.74	239.29	118.44	238.95	119.13	238.60	119.83	238.25	120.52	237.90	121.22
68	240.53	118.18	240.19	118.88	239.84	119.58	239.49	120.28	239.14	120.97	238.79	121.67
69	241.43	118.62	241.09	119.33	240.74	120.03	240.39	120.73	240.03	121.43	239.68	122.12
270	242.33	119.07	241.98	119.77	241.63	120.47	241.28	121.18	240.93	121.88	240.57	122.58
71	243.23	119.51	242.88	120.21	242.53	120.92	242.17	121.62	241.82	122.33	241.46	123.03
72	244.12	119.95	243.77	120.66	243.42	121.37	243.07	122.07	242.71	122.78	242.35	123.49
73	245.02	120.39	244.67	121.10	244.32	121.81	243.96	122.52	243.60	123.23	243.24	123.94
74	245.92	120.83	245.57	121.54	245.21	122.26	244.86	122.97	244.50	123.68	244.13	124.39
75	246.82	121.27	246.46	121.99	246.11	122.70	245.75	123.42	245.39	124.13	245.03	124.85
76	247.71	121.71	247.36	122.43	247.00	123.15	246.64	123.87	246.28	124.59	245.92	125.30
77	248.61	122.15	248.26	122.87	247.90	123.60	247.54	124.32	247.17	125.04	246.81	125.76
78	249.51	122.59	249.15	123.32	248.79	124.04	248.43	124.77	248.07	125.49	247.70	126.21
79	250.41	123.03	250.05	123.76	249.69	124.49	249.32	125.21	248.96	125.94	248.59	126.66
280	251.30	123.48	250.94	124.21	250.58	124.94	250.22	125.66	249.85	126.39	249.48	127.12
81	252.20	123.92	251.84	124.65	251.48	125.38	251.11	126.11	250.74	126.84	250.37	127.57
82	253.10	124.36	252.74	125.09	252.37	125.83	252.00	126.56	251.63	127.29	251.26	128.03
83	254.00	124.80	253.63	125.54	253.27	126.27	252.90	127.01	252.53	127.75	252.15	128.48
84	254.89	125.24	254.53	125.98	254.16	126.72	253.79	127.46	253.42	128.20	253.04	128.93
85	255.79	125.68	255.43	126.42	255.06	127.17	254.69	127.91	254.31	128.65	253.94	129.39
86	256.69	126.12	256.32	126.87	255.95	127.61	255.58	128.36	255.20	129.10	254.83	129.84
87	257.59	126.56	257.22	127.31	256.85	128.06	256.47	128.81	256.10	129.55	255.72	130.30
88	258.48	127.00	258.11	127.75	257.74	128.51	257.37	129.25	256.99	130.00	256.61	130.75
89	259.38	127.44	259.01	128.20	258.64	128.95	258.26	129.70	257.88	130.45	257.50	131.20
290	260.28	127.89	259.91	128.64	259.53	129.40	259.15	130.15	258.77	130.91	258.39	131.66
91	261.18	128.33	260.80	129.09	260.43	129.84	260.05	130.60	259.67	131.36	259.28	132.11
92	262.07	128.77	261.70	129.53	261.32	130.29	260.94	131.05	260.56	131.81	260.17	132.57
93	262.97	129.21	262.60	129.97	262.22	130.74	261.83	131.50	261.45	132.26	261.06	133.02
94	263.87	129.65	263.49	130.42	263.11	131.18	262.73	131.95	262.34	132.71	261.95	133.47
95	264.77	130.09	264.39	130.86	264.01	131.63	263.62	132.40	263.23	133.16	262.85	133.93
96	265.67	130.53	265.28	131.30	264.90	132.07	264.52	132.84	264.13	133.61	263.74	134.38
97	266.56	130.97	266.18	131.75	265.80	132.52	265.41	133.29	265.02	134.06	264.63	134.84
98	267.46	131.41	267.08	132.19	266.69	132.97	266.30	133.74	265.91	134.52	265.52	135.29
99	268.36	131.82	267.97	132.63	267.59	133.41	267.20	134.19	266.80	134.97	266.41	135.74
300	269.26	132.30	268.87	133.08	268.48	133.86	268.09	134.64	267.70	135.42	267.30	136.10

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10'	D.	L. 0'

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.89	0.46	0.89	0.46	0.89	0.46	0.89	0.46	0.88	0.47	0.88	0.47
2	1.78	0.91	1.78	0.92	1.77	0.92	1.77	0.93	1.77	0.93	1.77	0.94
3	2.67	1.37	2.67	1.38	2.66	1.39	2.66	1.39	2.65	1.40	2.65	1.41
4	3.56	1.83	3.55	1.84	3.55	1.85	3.54	1.86	3.54	1.87	3.53	1.88
5	4.45	2.28	4.44	2.30	4.44	2.31	4.43	2.32	4.42	2.33	4.41	2.35
6	5.34	2.74	5.33	2.75	5.32	2.77	5.31	2.79	5.31	2.80	5.30	2.82
7	6.23	3.20	6.22	3.21	6.21	3.23	6.20	3.25	6.19	3.27	6.18	3.29
8	7.12	3.65	7.11	3.67	7.10	3.69	7.09	3.71	7.07	3.74	7.06	3.76
9	8.01	4.11	8.00	4.13	7.98	4.16	7.97	4.18	7.96	4.20	7.95	4.23
10	8.90	4.57	8.88	4.59	8.87	4.62	8.86	4.64	8.84	4.67	8.83	4.69
11	9.79	5.02	9.77	5.05	9.76	5.08	9.74	5.11	9.73	5.14	9.71	5.16
12	10.68	5.48	10.66	5.51	10.64	5.54	10.63	5.57	10.61	5.60	10.60	5.63
13	11.57	5.94	11.55	5.97	11.53	6.00	11.51	6.04	11.50	6.07	11.48	6.10
14	12.46	6.39	12.44	6.43	12.42	6.46	12.40	6.50	12.38	6.54	12.36	6.57
15	13.35	6.85	13.33	6.89	13.31	6.93	13.28	6.96	13.26	7.00	13.24	7.04
16	14.23	7.31	14.21	7.35	14.19	7.39	14.17	7.43	14.15	7.47	14.13	7.51
17	15.12	7.76	15.10	7.81	15.08	7.85	15.06	7.89	15.03	7.94	15.01	7.98
18	16.01	8.22	15.99	8.26	15.97	8.31	15.94	8.36	15.92	8.40	15.89	8.45
19	16.90	8.68	16.88	8.72	16.85	8.77	16.83	8.82	16.80	8.87	16.78	8.92
20	17.79	9.13	17.77	9.18	17.74	9.23	17.71	9.29	17.69	9.34	17.66	9.39
21	18.68	9.59	18.66	9.64	18.63	9.70	18.60	9.75	18.57	9.80	18.54	9.86
22	19.57	10.04	19.54	10.10	19.51	10.16	19.48	10.22	19.45	10.27	19.42	10.33
23	20.46	10.50	20.43	10.56	20.40	10.62	20.37	10.68	20.34	10.74	20.31	10.80
24	21.35	10.96	21.32	11.02	21.29	11.08	21.26	11.14	21.22	11.21	21.19	11.27
25	22.24	11.41	22.21	11.48	22.18	11.54	22.14	11.61	22.11	11.67	22.07	11.74
26	23.13	11.87	23.10	11.94	23.06	12.01	23.03	12.07	22.99	12.14	22.96	12.21
27	24.02	12.33	23.99	12.40	23.95	12.47	23.91	12.54	23.88	12.61	23.84	12.68
28	24.91	12.78	24.87	12.86	24.84	12.93	24.80	13.00	24.76	13.07	24.72	13.15
29	25.80	13.24	25.76	13.32	25.72	13.39	25.68	13.47	25.64	13.54	25.61	13.61
30	26.69	13.70	26.65	13.77	26.61	13.85	26.57	13.93	26.53	14.01	26.49	14.08
31	27.58	14.15	27.54	14.23	27.50	14.31	27.46	14.39	27.41	14.47	27.37	14.55
32	28.47	14.61	28.43	14.69	28.38	14.78	28.34	14.86	28.30	14.94	28.25	15.02
33	29.36	15.07	29.32	15.15	29.27	15.24	29.23	15.32	29.18	15.41	29.14	15.49
34	30.25	15.52	30.20	15.61	30.16	15.70	30.11	15.79	30.07	15.87	30.02	15.96
35	31.14	15.98	31.09	16.07	31.05	16.16	31.00	16.25	30.95	16.34	30.90	16.43
36	32.03	16.44	31.98	16.53	31.93	16.62	31.88	16.72	31.84	16.81	31.79	16.90
37	32.92	16.89	32.87	16.99	32.82	17.08	32.77	17.18	32.72	17.28	32.67	17.37
38	33.81	17.35	33.76	17.45	33.71	17.55	33.66	17.64	33.60	17.74	33.55	17.84
39	34.70	17.81	34.65	17.91	34.59	18.01	34.54	18.11	34.49	18.21	34.43	18.31
40	35.59	18.26	35.53	18.37	35.48	18.47	35.43	18.57	35.37	18.68	35.32	18.78
41	36.48	18.72	36.42	18.83	36.37	18.93	36.31	19.04	36.26	19.14	36.20	19.25
42	37.37	19.18	37.31	19.28	37.25	19.39	37.20	19.50	37.14	19.61	37.08	19.72
43	38.26	19.63	38.20	19.74	38.14	19.86	38.08	19.97	38.03	20.08	37.97	20.19
44	39.15	20.09	39.09	20.20	39.03	20.32	38.97	20.43	38.91	20.54	38.85	20.66
45	40.04	20.55	39.98	20.66	39.92	20.78	39.85	20.89	39.79	21.01	39.73	21.13
46	40.93	21.00	40.86	21.12	40.80	21.24	40.74	21.36	40.68	21.48	40.62	21.60
47	41.82	21.46	41.75	21.58	41.69	21.70	41.63	21.82	41.56	21.94	41.50	22.07
48	42.70	21.92	42.64	22.04	42.58	22.16	42.51	22.29	42.45	22.41	42.38	22.53
49	43.59	22.37	43.53	22.50	43.46	22.63	43.40	22.75	43.33	22.88	43.26	23.00
50	44.48	22.83	44.42	22.96	44.35	23.09	44.28	23.22	44.22	23.35	44.15	23.47
51	45.37	23.29	45.31	23.42	45.24	23.55	45.17	23.68	45.10	23.81	45.03	23.94
52	46.26	23.74	46.19	23.88	46.12	24.01	46.05	24.15	45.98	24.28	45.91	24.41
53	47.15	24.20	47.08	24.34	47.01	24.47	46.94	24.61	46.87	24.75	46.80	24.88
54	48.04	24.66	47.97	24.79	47.90	24.93	47.83	25.07	47.75	25.21	47.68	25.35
55	48.93	25.11	48.86	25.25	48.79	25.40	48.71	25.54	48.64	25.68	48.56	25.82
56	49.82	25.57	49.75	25.71	49.67	25.86	49.60	26.00	49.52	26.15	49.45	26.29
57	50.71	26.03	50.64	26.17	50.56	26.32	50.48	26.47	50.41	26.61	50.33	26.76
58	51.60	26.48	51.52	26.63	51.45	26.78	51.37	26.93	51.29	27.08	51.21	27.23
59	52.49	26.94	52.41	27.09	52.33	27.24	52.25	27.40	52.17	27.55	52.09	27.70
60	53.38	27.39	53.30	27.55	53.22	27.70	53.14	27.86	53.06	28.01	52.98	28.17

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
'	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
81	163.82	76.97	163.60	77.45	163.37	77.92	163.14	78.40	162.91	78.87	162.68	79.3[5]
82	164.72	77.40	164.50	77.87	164.27	78.35	164.04	78.83	163.81	79.31	163.58	79.78
83	165.63	77.82	165.40	78.30	165.17	78.78	164.94	79.26	164.71	79.74	164.48	80.22
84	166.53	78.25	166.31	78.73	166.08	79.21	165.84	79.70	165.61	80.18	165.38	80.66
85	167.44	78.67	167.21	79.16	166.98	79.64	166.75	80.13	166.51	80.61	166.28	81.10
86	168.34	79.10	168.12	79.59	167.88	80.08	167.65	80.56	167.41	81.05	167.18	81.54
87	169.25	79.52	169.02	80.01	168.78	80.51	168.55	81.00	168.31	81.49	168.07	81.98
88	170.15	79.95	169.92	80.44	169.69	80.94	169.45	81.43	169.21	81.92	168.97	82.41
89	171.06	80.37	170.83	80.87	170.59	81.37	170.35	81.86	170.11	82.36	169.87	82.85
190	171.96	80.80	171.73	81.30	171.49	81.80	171.25	82.30	171.01	82.79	170.77	83.29
91	172.87	81.22	172.63	81.73	172.39	82.23	172.15	82.73	171.91	83.23	171.67	83.73
92	173.77	81.65	173.54	82.15	173.30	82.66	173.06	83.16	172.81	83.66	172.57	84.17
93	174.68	82.07	174.44	82.58	174.20	83.09	173.96	83.60	173.71	84.10	173.47	84.61
94	175.58	82.50	175.35	83.01	175.10	83.52	174.86	84.03	174.61	84.54	174.37	85.04
95	176.49	82.92	176.25	83.44	176.00	83.95	175.76	84.46	175.51	84.97	175.26	85.48
96	177.39	83.35	177.15	83.87	176.91	84.38	176.66	84.89	176.41	85.41	176.16	85.92
97	178.30	83.77	178.06	84.29	177.81	84.81	177.56	85.33	177.31	85.84	177.06	86.36
98	179.20	84.20	178.96	84.72	178.71	85.24	178.46	85.76	178.21	86.28	177.96	86.80
99	180.11	84.62	179.87	85.15	179.61	85.67	179.36	86.19	179.11	86.72	178.86	87.24
200	181.01	85.05	180.77	85.58	180.52	86.10	180.27	86.63	180.01	87.15	179.76	87.67
01	181.92	85.48	181.67	86.00	181.42	86.54	181.17	87.06	180.91	87.59	180.66	88.11
02	182.82	85.90	182.58	86.43	182.32	86.96	182.07	87.49	181.81	88.02	181.56	88.55
03	183.73	86.33	183.48	86.86	183.22	87.39	182.97	87.93	182.71	88.46	182.45	88.99
04	184.63	86.75	184.38	87.29	184.13	87.82	183.87	88.36	183.61	88.89	183.35	89.43
05	185.54	87.18	185.29	87.72	185.03	88.25	184.77	88.79	184.51	89.33	184.25	89.87
06	186.45	87.60	186.19	88.14	185.93	88.69	185.67	89.23	185.41	89.77	185.15	90.30
07	187.35	88.03	187.10	88.57	186.83	89.12	186.58	89.66	186.31	90.20	186.05	90.74
08	188.26	88.45	188.00	89.00	187.74	89.55	187.48	90.09	187.21	90.64	186.95	91.18
09	189.16	88.88	188.90	89.43	189.64	89.98	188.38	90.53	188.11	91.07	187.85	91.62
210	190.07	89.30	189.81	89.86	189.54	90.41	189.28	90.96	189.01	91.51	188.75	92.06
11	190.97	89.73	190.71	90.28	190.45	90.84	190.18	91.39	189.91	91.94	189.65	92.50
12	191.88	90.15	191.62	90.71	191.35	91.27	191.08	91.82	190.81	92.38	190.54	92.93
13	192.78	90.58	192.52	91.14	192.25	91.70	191.98	92.26	191.71	92.82	191.44	93.37
14	193.69	91.00	193.42	91.57	193.15	92.13	192.88	92.69	192.61	93.25	192.34	93.81
15	194.59	91.43	194.33	91.99	194.06	92.56	193.79	93.12	193.51	93.69	193.24	94.25
16	195.50	91.85	195.23	92.42	194.96	92.99	194.69	93.56	194.41	94.12	194.14	94.69
17	196.40	92.28	196.13	92.85	195.86	93.42	195.59	93.99	195.31	94.56	195.04	95.13
18	197.31	92.70	197.04	93.28	196.76	93.85	196.49	94.42	196.21	94.99	195.94	95.57
19	198.21	93.13	197.94	93.71	197.67	94.28	197.39	94.86	197.11	95.43	196.84	96.00
220	199.12	93.56	198.85	94.13	198.57	94.71	198.29	95.29	198.01	95.87	197.73	96.44
21	200.02	93.98	199.75	94.56	199.47	95.14	199.19	95.72	198.91	96.30	198.63	96.88
22	200.93	94.41	200.65	94.99	200.37	95.57	200.10	96.16	199.81	96.74	199.53	97.32
23	201.83	94.83	201.56	95.42	201.28	96.00	201.00	96.59	200.71	97.17	200.43	97.76
24	202.74	95.26	202.46	95.85	202.18	96.43	201.90	97.02	201.61	97.61	201.33	98.20
25	203.64	95.68	203.37	96.27	203.08	96.86	202.80	97.46	202.52	98.04	202.23	98.63
26	204.55	96.11	204.27	96.70	203.98	97.30	203.70	97.89	203.42	98.48	203.13	99.07
27	205.45	96.53	205.17	97.13	204.89	97.73	204.60	98.32	204.32	98.92	204.03	99.51
28	206.36	96.96	206.08	97.56	205.79	98.16	205.50	98.75	205.22	99.35	204.92	99.95
29	207.26	97.38	206.98	97.99	206.69	98.59	206.40	99.19	206.12	99.79	205.82	100.39
230	208,17	97.81	07.88	98.41	207.59	99.02	207.31	99,62	207.02	100.22	206.72	100.83
31	209.07	98.23	208.79	98.84	208.50	99.45	208.21	100.05	207.92	100.66	207.62	101.26
32	209.98	98.66	209.69	99.27	209.40	99.88	209.11	100.49	208.82	101.10	208.52	101.70
33	210.88	99.08	210.60	99.70	210.30	100.31	210.01	100.92	209.72	101.53	209.42	102.14
34	211.79	99.51	211.50	100.12	211.20	100.75	210.91	101.36	210.62	101.97	210.32	102.58
35	212.69	99.93	212.40	100.55	212.11	101.17	211.81	101.79	211.52	102.40	211.22	103.02
36	213.60	100.36	213.31	100.98	213.01	101.60	212.71	102.22	212.42	102.84	212.12	103.46
37	214.50	100.78	214.21	101.41	213.91	102.03	213.61	102.65	213.32	103.27	213.01	103.89
38	215.41	101.21	215.12	101.84	214.82	102.46	214.52	103.09	214.22	103.71	213.91	104.33
39	216.31	101.63	216 02	102.26	215.72	102.89	215.42	103.52	215.12	104.15	214.81	104.77
240	217.22	102.06	216.92	102.69	216.62	103.32	216.32	103.95	216.02	104.58	215.71	105.21
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
41	218.12	102.49	217.83	103.12	217.52	103.75	217.22	104.39	216.92	105.02	216.61	105.65
42	219.03	102.91	218.73	103.55	218.43	104.18	218.12	104.82	217.82	105.45	217.51	106.09
43	219.93	103.34	219.63	103.98	219.33	104.61	219.02	105.25	218.72	105.89	218.41	106.52
44	220.84	103.76	220.54	104.40	220.23	105.04	219.92	105.68	219.62	106.32	219.31	106.96
45	221.74	104.19	221.44	104.83	221.13	105.48	220.83	106.12	220.52	106.76	220.20	107.40
46	222.65	104.61	222.35	105.26	222.04	105.91	221.73	106.55	221.42	107.20	221.10	107.84
47	223.55	105.04	223.25	105.69	222.94	106.34	222.63	106.98	222.32	107.63	222.00	108.28
48	224.46	105.46	224.15	106.11	223.84	106.77	223.53	107.42	223.22	108.07	222.90	108.72
49	225.36	105.89	225.06	106.54	224.74	107.20	224.43	107.85	224.12	108.50	223.80	109.15
250	226.27	106.31	225.96	106.97	225.65	107.63	225.33	108.28	225.02	108.94	224.70	109.59
51	227.17	106.74	226.87	107.40	226.55	108.06	226.23	108.72	225.92	109.37	225.60	110.03
52	228.08	107.16	227.77	107.83	227.45	108.49	227.13	109.15	226.82	109.81	226.50	110.47
53	228.98	107.59	228.67	108.25	228.35	108.92	228.04	109.58	227.72	110.25	227.39	110.91
54	229.89	108.01	229.58	108.68	229.26	109.35	228.94	110.02	228.62	110.68	228.29	111.35
55	230.79	108.44	230.48	109.11	230.16	109.78	229.84	110.45	229.52	111.12	229.19	111.79
56	231.70	108.86	231.38	109.54	231.06	110.21	230.74	110.88	230.42	111.55	230.09	112.22
57	232.60	109.29	232.29	109.97	231.96	110.64	231.64	111.32	231.32	111.99	230.99	112.66
58	233.51	109.71	233.19	110.39	232.87	111.07	232.54	111.75	232.22	112.42	231.89	113 10
59	234.41	110.14	234.10	110.82	233.77	111.50	233.44	112.18	233.12	112.86	232.79	113.54
260	235.32	110.57	235.00	111.25	234.67	111.93	234.3.	112.62	234.02	113.30	233.69	113.98
61	236.22	110.99	235.90	111.68	235.57	112.3[illegible]	235.2[illegible]	113.05	234.92	113.73	234.58	114.42
62	237.13	111.42	236.81	112.11	236.48	112.79	236.1[illegible]	113.48	235.82	114.17	235.48	114.85
63	238.03	111.84	237.71	112.53	237.38	113.2[illegible]	237.0[illegible]	113.91	236.72	114.60	236.38	115.29
64	238.94	112.27	238.62	112.96	238.28	113.6[illegible]	237.9[illegible]	114.35	237.62	115.04	237.28	115.73
65	239.84	112.69	239.52	113.39	239.18	114.09	238.8[illegible]	114.78	238.52	115.48	238.18	116.17
66	240.75	113.12	240.42	113.82	240.09	114.52	239.75	115.21	239.42	115.91	239.08	116.61
67	241.65	113.54	241.33	114.24	240.99	114.95	240.65	115.65	240.32	116.35	239.98	117.05
68	242.56	113.97	242.23	114.67	241.89	115.38	241.56	116.08	241.22	116.78	240.88	117.48
69	243.46	114.39	243.13	115.10	242.80	115.81	242.46	116.51	242.12	117.22	241.78	117.92
270	244.37	114.82	244.04	115.53	243.70	116.24	243.36	116.95	243.02	117.65	242.67	118.36
71	245.27	115.24	244.94	115.96	244.60	116.67	244.26	117.38	243.92	118.09	243.57	118.80
72	246.18	115.67	245.85	116.38	245.50	117.10	245.16	117.81	244.82	118.53	244.47	119.24
73	247.08	116.09	246.75	116.81	246.41	117.53	246.06	118.25	245.72	118.96	245.37	119.68
74	247.99	116.52	247.65	117.24	247.31	117.96	246.9[illegible]	118.68	246.6[illegible]	119.40	246.27	120.11
75	248.90	116.94	248.56	117.67	248.21	118.39	247.87	119.11	247.52	119.83	247.17	120.55
76	249.80	117.37	249.46	118.10	249.11	118.82	248.77	119.55	248.42	120.27	248.07	120.99
77	250.71	117.79	250.37	118.52	250.02	119.25	249.67	119.98	249.32	120.70	248.97	121.43
78	251.61	118.22	251.27	118.95	250.92	119.68	250.57	120.41	250.22	121.14	249.86	121.87
79	252.52	118.64	252.17	119.38	251.82	120.11	251.47	120.84	251.12	121.58	250.76	122.31
280	253.42	119.07	253.08	119.81	252.72	120.54	252.37	121.28	252 02	122.01	251.66	122.74
81	254.33	119.50	253.98	120.24	253.63	120.97	253.27	121.71	252.92	122.45	252.56	123.18
82	255.23	119.92	254.88	120.66	254.53	121.40	254.17	122.14	253.82	122.88	253.46	123.62
83	256.14	120.35	255.79	121.09	255.43	121.83	255.08	122.58	254.72	123.32	254.36	124.06
84	257.04	120.77	256.69	121.52	256.33	122.27	255.98	123.01	255.62	123 75	255.26	124.50
85	257.95	121.20	257.60	121.95	257.24	122.70	256.88	123.44	256.52	124.19	256.16	124.94
86	258.85	121.62	258.50	122.37	258.14	123.13	257.78	123.88	257.42	124.63	257.05	125.37
87	259.76	122.05	259.40	122.80	259.04	123.56	258.68	124 31	258.32	125.06	257.95	125.81
88	260.66	122.47	260.31	123.23	259.94	123.99	259.58	124.74	259.22	125.50	258.85	126.25
89	261.57	122.90	261.21	123.66	260.85	124.42	260.48	125.18	260.12	125.93	259.75	126.69
290	262.47	123.32	262.12	124.09	261.75	124.85	261.39	125.61	261.02	126.37	260.65	127.13
91	263.38	123.75	263.02	124.51	262.65	125.28	262.29	126.04	261.92	126.80	261.55	127.57
92	264.28	124.17	263.92	124.94	263.55	125.71	263.19	126.48	262.82	127.24	262.45	128.00
93	265.19	124.60	264.83	125.37	264.46	126 14	264.09	126.91	263.72	127.68	263.35	128.44
94	266.09	125.02	265.73	125.80	265.36	126.57	264.99	127.34	264.62	128.11	264.25	128.88
95	267.00	125.45	266.63	126.23	266.26	127.00	265.89	127.77	265.52	128.55	265.14	129.32
96	267.90	125.87	267.54	126.65	267.17	127.43	266.79	128.21	266.42	128.98	266.04	129.76
97	268.81	126.30	268.44	127.08	268.07	127.86	267.69	128.64	267.32	129.42	266.94	130.20
98	269.71	126.72	269.35	127.51	268.97	128.29	268.60	129.07	268.22	129.85	267.84	130.63
99	270.62	127.15	270.25	127.94	269.87	128.72	269.50	129.51	269.12	130.29	268.74	131.07
300	271.52	127.58	271.15	128.36	270.78	129.15	270.40	129.94	270.02	130.73	269.64	131.51

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.90	0.44	0.90	0.44	0.89	0.45	0.89	0.45	0.89	0.45	0.89	0.45
2	1.80	0.88	1.79	0.89	1.79	0.89	1.79	0.90	1.78	0.90	1.78	0.91
3	2.69	1.32	2.69	1.33	2.68	1.34	2.68	1.35	2.68	1.35	2.67	1.36
4	3.59	1.76	3.58	1.77	3.58	1.78	3.57	1.80	3.57	1.81	3.56	1.82
5	4.49	2.20	4.48	2.22	4.47	2.23	4.47	2.24	4.46	2.26	4.46	2.27
6	5.39	2.65	5.38	2.66	5.37	2.68	5.36	2.69	5.35	2.71	5.35	2.72
7	6.28	3.09	6.27	3.11	6.26	3.12	6.26	3.14	6.25	3.16	6.24	3.18
8	7.18	3.53	7.17	3.55	7.16	3.57	7.15	3.59	7.14	3.61	7.13	3.63
9	8.08	3.97	8.07	3.99	8.05	4.02	8.04	4.04	8.03	4.06	8.02	4.09
10	8.98	4.41	8.96	4.44	8.95	4.46	8.94	4.49	8.92	4.51	8.91	4.54
11	9.87	4.85	9.86	4.88	9.84	4.91	9.83	4.94	9.82	4.97	9.80	4.99
12	10.77	5.29	10.75	5.32	10.74	5.36	10.72	5.39	10.71	5.42	10.69	5.45
13	11.67	5.73	11.65	5.77	11.63	5.80	11.62	5.83	11.60	5.87	11.58	5.90
14	12.57	6.17	12.55	6.21	12.53	6.25	12.51	6.28	12.49	6.32	12.47	6.36
15	13.46	6.61	13.44	6.65	13.42	6.69	13.40	6.73	13.38	6.77	13.37	6.81
16	14.36	7.06	14.34	7.10	14.32	7.14	14.30	7.18	14.28	7.22	14.26	7.26
17	15.26	7.50	15.24	7.54	15.21	7.59	15.19	7.63	15.17	7.67	15.15	7.72
18	16.16	7.94	16.13	7.98	16.11	8.03	16.09	8.08	16.06	8.13	16.04	8.17
19	17.05	8.38	17.03	8.43	17.00	8.48	16.98	8.53	16.95	8.58	16.93	8.63
20	17.95	8.82	17.92	8.87	17.90	8.92	17.87	8.98	17.85	9.03	17.82	9.08
21	18.85	9.26	18.82	9.32	18.79	9.37	18.77	9.42	18.74	9.48	18.71	9.53
22	19.75	9.70	19.72	9.76	19.69	9.82	19.66	9.87	19.63	9.93	19.60	9.99
23	20.64	10.14	20.61	10.20	20.58	10.26	20.55	10.32	20.52	10.38	20.49	10.44
24	21.54	10.58	21.51	10.65	21.48	10.71	21.45	10.77	21.42	10.83	21.38	10.90
25	22.44	11.02	22.41	11.09	22.37	11.15	22.34	11.22	22.31	11.28	22.28	11.35
26	23.34	11.47	23.30	11.53	23.27	11.60	23.23	11.67	23.20	11.74	23.17	11.80
27	24.23	11.91	24.20	11.98	24.16	12.05	24.13	12.12	24.09	12.19	24.06	12.26
28	25.13	12.35	25.09	12.42	25.06	12.49	25.02	12.57	24.99	12.64	24.95	12.71
29	26.03	12.79	25.99	12.86	25.95	12.94	25.92	13.02	25.88	13.09	25.84	13.17
30	26.93	13.23	26.89	13.31	26.85	13.39	26.81	13.46	26.77	13.54	26.73	13.62
31	27.82	13.67	27.78	13.75	27.74	13.83	27.70	13.91	27.66	13.99	27.63	14.07
32	28.72	14.11	28.68	14.19	28.64	14.28	28.60	14.36	28.55	14.44	28.51	14.53
33	29.62	14.55	29.58	14.64	29.53	14.72	29.49	14.81	29.45	14.90	29.40	14.98
34	30.52	14.99	30.47	15.08	30.43	15.17	30.38	15.26	30.34	15.35	30.29	15.44
35	31.41	15.43	31.37	15.53	31.32	15.62	31.28	15.71	31.23	15.80	31.19	15.89
36	32.31	15.88	32.26	15.97	32.22	16.06	32.17	16.16	32.12	16.25	32.08	16.34
37	33.21	16.32	33.16	16.41	33.11	16.51	33.06	16.61	33.02	16.70	32.97	16.80
38	34.11	16.76	34.06	16.86	34.01	16.96	33.96	17.05	33.91	17.15	33.86	17.25
39	35.00	17.20	34.95	17.30	34.90	17.40	34.85	17.50	34.80	17.60	34.75	17.71
40	35.90	17.64	35.85	17.74	35.80	17.85	35.75	17.95	35.69	18.06	35.64	18.16
41	36.80	18.08	36.75	18.19	36.69	18.29	36.64	18.40	36.59	18.51	36.53	18.61
42	37.70	18.52	37.64	18.63	37.59	18.74	37.53	18.85	37.48	18.96	37.42	19.07
43	38.59	18.96	38.54	19.07	38.48	19.19	38.43	19.30	38.37	19.41	38.31	19.52
44	39.49	19.40	39.43	19.52	39.38	19.63	39.32	19.75	39.26	19.86	39.20	19.98
45	40.39	19.84	40.33	19.96	40.27	20.08	40.21	20.20	40.15	20.31	40.10	20.43
46	41.29	20.29	41.23	20.41	41.17	20.53	41.11	20.64	41.05	20.76	40.99	20.88
47	42.18	20.73	42.12	20.85	42.06	20.97	42.00	21.09	41.94	21.22	41.88	21.34
48	43.08	21.17	43.02	21.29	42.96	21.42	42.89	21.54	42.83	21.67	42.77	21.79
49	43.98	21.61	43.92	21.74	43.85	21.86	43.79	21.99	43.72	22.12	43.66	22.25
50	44.88	22.05	44.81	22.18	44.75	22.31	44.68	22.44	44.62	22.57	44.55	22.70
51	45.77	22.49	45.71	22.62	45.64	22.76	45.58	22.89	45.51	23.02	45.44	23.15
52	46.67	22.93	46.60	23.07	46.54	23.20	46.47	23.34	46.40	23.47	46.33	23.61
53	47.57	23.37	47.50	23.51	47.43	23.65	47.36	23.79	47.29	23.92	47.22	24.06
54	48.47	23.81	48.40	23.95	48.33	24.09	48.26	24.24	48.19	24.38	48.11	24.52
55	49.36	24.25	49.29	24.40	49.22	24.54	49.15	24.68	49.08	24.83	49.01	24.97
56	50.26	24.70	50.19	24.84	50.12	24.99	50.04	25.13	49.97	25.28	49.90	25.42
57	51.16	25.14	51.09	25.28	51.01	25.43	50.94	25.58	50.86	25.73	50.79	25.88
58	52.06	25.58	51.98	25.73	51.91	25.88	51.83	26.03	51.75	26.18	51.68	26.33
59	52.95	26.02	52.88	26.17	52.80	26.33	52.72	26.48	52.65	26.63	52.57	26.79
60	53.85	26.46	53.77	26.62	53.70	26.77	53.62	26.93	53.54	27.08	53.46	27.24

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	54.75	26.90	54.67	27.06	54.59	27.22	54.51	27.38	54.43	27.54	54.35	27.69
62	55.65	27.34	55.57	27.50	55.49	27.66	55.41	27.83	55.32	27.99	55.24	28.15
63	56.54	27.78	56.46	27.95	56.38	28.11	56.30	28.27	56.22	28.44	56.13	28.60
64	57.44	28.22	57.36	28.39	57.28	28.56	57.19	28.72	57.11	28.89	57.02	29.06
65	58.34	28.66	58.25	28.83	58.17	29.00	58.09	29.17	58.00	29.34	57.92	29.51
66	59.24	29.11	59.15	29.28	59.07	29.45	58.98	29.62	58.89	29.79	58.81	29.96
67	60.13	29.55	60.05	29.72	59.96	29.90	59.87	30.07	59.79	30.24	59.70	30.42
68	61.03	29.99	60.94	30.16	60.86	30.34	60.77	30.52	60.68	30.69	60.59	30.87
69	61.93	30.43	61.84	30.61	61.75	30.79	61.66	30.97	61.57	31.15	61.48	31.33
70	62.83	30.87	62.74	31.05	62.65	31.23	62.55	31.42	62.46	31.60	62.37	31.78
71	63.72	31.31	63.63	31.50	63.54	31.68	63.45	31.86	63.35	32.05	63.26	32.23
72	64.62	31.75	64.53	31.94	64.44	32.13	64.34	32.31	64.25	32.50	64.15	32.69
73	65.52	32.19	65.42	32.38	65.33	32.57	65.24	32.76	65.14	32.95	65.04	33.14
74	66.42	32.63	66.32	32.83	66.23	33.02	66.13	33.21	66.03	33.40	65.93	33.60
75	67.31	33.07	67.22	33.27	67.12	33.46	67.02	33.66	66.92	33.85	66.83	34.05
76	68.21	33.51	68.11	33.71	68.02	33.91	67.92	34.11	67.82	34.31	67.72	34.50
77	69.11	33.96	69.01	34.16	68.91	34.36	68.81	34.56	68.71	34.76	68.61	34.96
78	70.01	34.40	69.91	34.60	69.80	34.80	69.70	35.01	69.60	35.21	69.50	35.41
79	70.90	34.84	70.80	35.04	70.70	35.25	70.60	35.46	70.49	35.66	70.39	35.87
80	71.80	35.28	71.70	35.49	71.59	35.70	71.49	35.90	71.39	36.11	71.28	36.32
81	72.70	35.72	72.59	35.93	72.49	36.14	72.38	36.35	72.28	36.56	72.17	36.77
82	73.60	36.16	73.49	36.37	73.38	36.59	73.28	36 80	73.17	37.01	73.06	37.23
83	74.49	36.60	74.39	36.82	74.28	37.03	74.17	37.25	74.06	37.47	73.95	37.68
84	75.39	37.04	75.28	37.26	75.17	37.48	75.07	37.70	74.96	37.92	74.84	38.14
85	76.29	37.48	76.18	37.71	76.07	37.93	75.96	38.15	75.85	38.37	75.74	38.59
86	77.19	37.92	77.08	38.15	76.96	38.37	76.85	38.60	76.74	38.82	76.63	39.04
87	78.08	38.37	77.97	38.59	77.86	38.82	77.75	39.05	77.63	39.27	77.52	39.50
88	78.98	38.81	78.87	39.04	78.75	39.27	78.64	39.49	78.52	39.72	78.41	39.95
89	79.88	39.25	79.76	39.48	79.65	39.71	79.53	39.94	79.42	40.17	79.30	40.41
90	80.78	39.69	80.66	39.92	80.54	40.16	80.43	40.39	80.31	40.63	80.19	40.86
91	81.67	40.13	81.56	40.37	81.44	40.60	81.32	40.84	81.20	41.08	81.08	41.31
92	82.57	40.57	82.45	40.81	82.33	41.05	82.21	41.29	82.09	41.53	81.97	41.77
93	83.47	41.01	83.35	41.25	83.22	41.50	83.11	41.74	82.99	41.98	82.86	42.22
94	84.37	41.45	84.25	41.70	84.12	41.94	84.00	42.19	83.88	42.43	83.75	42.68
95	85.26	41.89	85.14	42.14	85.01	42.39	84.90	42.64	84.77	42.88	84.65	43.13
96	86.16	42.33	86.04	42.58	85.91	42.83	85.79	43.08	85.66	43.33	85.54	43.58
97	87.06	42.78	86.93	43.03	86.80	43.28	86.68	43.53	86.56	43.79	86.43	44.04
98	87.96	43.22	87.83	43.47	87.70	43.73	87.58	43.98	87.45	44.24	87.32	44.49
99	88.85	43.66	88.73	43.92	88.59	44.17	88.47	44.43	88.34	44.69	88.21	44.95
100	89.75	44.10	89.62	44.36	89.49	44.62	89.36	44.88	89.23	45.14	89.10	45.40
101	90.65	44.54	90.52	44.80	90.38	45.07	90.26	45.33	90.12	45.59	89.99	45.85
102	91.55	44.98	91.42	45.25	91.28	45.51	91.15	45.78	91.02	46.04	90.88	46.31
103	92.44	45.42	92.31	45.69	92.17	45.96	92.04	46.23	91.91	46.49	91.77	46.76
104	93.34	45.86	93.21	46.13	93.07	46.40	92.94	46.68	92.80	46.95	92.66	47.22
105	94.24	46.30	94.10	46.58	93.96	46.85	93.83	47.12	93.69	47.40	93.56	47.67
106	95.14	46.74	95.00	47.02	94.86	47.30	94.73	47.57	94.59	47.85	94.45	48.12
107	96.03	47.19	95.90	47.46	95.75	47.74	95.62	48.02	95.48	48.30	95.34	48.58
108	96.93	47.63	96.79	47.91	96.65	48.19	96.51	48.47	96.37	48.75	96.23	49.03
109	97.83	48.07	97.69	48.35	97.54	48.64	97.41	48.92	97.26	49.20	97.12	49.49
110	98.73	48.51	98.59	48.80	98.44	49.08	98.30	49.37	98.16	49.65	98.01	49.94
111	99.62	48.95	99.48	49.24	99.33	49.53	99.19	49.82	99.05	50.11	98.90	50.39
112	100.52	49.39	100.38	49.68	100.23	49.97	100.09	50.27	99.94	50.56	99.79	50.85
113	101.42	49.83	101.27	50.13	101.12	50.42	100.98	50.71	100.83	51.01	100.68	51.30
114	102.32	50.27	102.17	50.57	102.02	50.87	101.87	51.16	101.72	51.46	101.57	51.75
115	103.21	50.71	103.07	51.01	102.91	51.31	102.77	51.61	102.62	51.91	102.47	52.21
116	104.11	51.15	103.96	51.46	103.81	51.76	103.66	52.06	103.51	52.36	103.36	52.66
117	105.01	51.60	104.86	51.90	104.70	52.21	104.56	52.51	104.40	52.8	104.25	53.12
118	105.91	52.04	105.76	52.34	105.60	52.65	105.45	52.96	105.29	53.2	105.14	53.57
119	106.80	52.48	106.65	52.78	106.49	53.10	106.34	53.41	106.19	53.7	106.03	54.02
120	107.70	52.92	107.55	53.23	107.39	53.54	107.24	53.86	107.08	54.1	106.92	54.48

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	54.27	27.85	54.19	28.01	54.11	28.17	54.03	28.32	53.94	28.48	53.86	28.64
62	55.16	28.31	55.08	28.47	54.99	28.63	54.91	28.79	54.83	28.95	54.7	29.11
63	56.05	28.76	55.97	28.93	55.88	29.09	55.80	29.25	55.71	29.41	55.63	29.58
64	56.94	29.22	56.85	29.39	56.77	29.55	56.68	29.72	56.60	29.88	56.51	30.05
65	57.83	29.68	57.74	29.85	57.66	30.01	57.57	30.18	57.48	30.35	57.39	30.52
66	58.72	30.13	58.63	30.30	58.54	30.48	58.45	30.65	58.36	30.82	58.27	30.99
67	59.61	30.59	59.52	30.76	59.43	30.94	59.34	31.11	59.25	31.28	59.16	31.45
68	60.50	31.05	60.41	31.22	60.32	31.40	60.23	31.57	60.13	31.75	60.04	31.92
69	61.39	31.50	61.30	31.68	61.20	31.86	61.11	32.04	61.02	32.22	60.92	32.39
70	62.28	31.96	62.18	32.14	62.09	32.32	62.00	32.50	61.90	32.68	61.81	32.86
71	63.17	32.42	63.07	32.60	62.98	32.78	62.88	32.97	62.79	33.15	62.69	33.33
72	64.06	32.87	63.96	33.06	63.86	33.25	63.77	33.43	63.67	33.62	63.57	33.80
73	64.95	33.33	64.85	33.52	64.75	33.71	64.65	33.90	64.55	34.08	64.46	34.27
74	65.84	33.79	65.74	33.98	65.64	34.17	65.54	34.36	65.44	34.55	65.34	34.74
75	66.73	34.24	66.63	34.44	66.53	34.63	66.42	34.82	66.32	35.02	66.22	35 21
76	67.62	34.70	67.51	34.90	67.41	35.09	67.31	35.29	67.21	35.48	67.10	35.68
77	68.51	35.16	68.40	35.36	68.30	35.55	68.20	35.75	68.09	35.95	67.99	36.15
78	69.40	35.61	69.29	35.81	69.19	36.02	69.08	36.22	68.98	36.42	68.87	36.62
79	70.28	36.07	70.18	36.27	70.07	36.48	69.97	36.68	69.86	36.89	69.75	37.09
80	71.17	36.53	71.07	36.73	70.96	36.94	70.85	37.15	70.74	37.35	70.64	37.56
81	72.06	36.98	71.96	37.19	71.85	37.40	71.74	37.61	71.63	37.82	71.52	38.03
82	72.95	37.44	72.84	37.65	72.73	37.86	72.62	38.07	72.51	38.29	72.40	38.50
83	73.84	37.90	73.73	38.11	73.62	38.33	73.51	38.54	73.40	38.75	73.28	38.97
84	74.73	38.35	74.62	38.57	74.51	38.79	74.40	39.00	74.28	39.22	74.17	39.44
85	75.62	38.81	75.51	39.03	75.40	39.25	75.28	39.47	75.17	39.69	75.05	39.91
86	76.51	39.27	76.40	39.49	76.28	39.71	76.17	39.93	76.05	40.15	75.93	40.37
87	77.40	39.72	77.29	39.95	77.17	40.17	77.05	40.40	76.93	40.62	76.82	40.84
88	78.29	40.18	78.17	40.41	78.06	40.63	77.94	40.86	77.82	41.09	77.70	41.31
89	79.18	40.64	79.06	40.87	78.94	41.10	78.82	41.33	78.70	41.55	78.58	41.78
90	80.07	41.09	79.95	41.32	79.83	41.56	79.71	41.79	79.59	42.02	79.47	42.25
91	80.96	41.55	80.84	41.78	80.72	42.02	80.60	42.25	80.47	42.49	80.35	42.72
92	81.85	42.01	81.73	42.24	81.60	42.48	81.48	42.72	81.36	42.95	81.23	43.19
93	82.74	42.46	82.62	42.70	82.49	42.94	82.37	43.18	82.24	43.42	82.11	43.66
94	83.63	42.92	83.50	43.16	83.38	43.40	83.25	43.65	83.12	43.89	83.00	44.13
95	84.52	43.38	84.39	43.62	84.27	43.87	84.14	44.11	84.01	44.36	83.88	44.60
96	85.41	43.83	85.28	44.08	85.15	44.33	85.02	44.58	84.89	44.82	84.76	45.07
97	86.30	44.29	86.17	44.54	86.04	44.79	85.91	45.04	85.78	45.29	85.65	45.54
98	87.19	44.75	87.06	45.00	86.93	45.25	86.80	45.50	86.66	45.76	86.53	46.01
99	88.08	45.20	87.95	45.46	87.81	45.71	87.68	45.97	87.55	46.22	87.41	46.48
100	88.97	45.66	88.83	45.92	88.70	46.17	88.57	46.43	88.43	46.69	88.29	46.95
01	89.86	46.12	89.72	46.38	89.59	46.64	89.45	46.90	89.32	47.16	89.18	47.42
02	90.75	46.57	90.61	46.83	90.48	47.10	90.34	47.36	90.20	47.62	90.06	47.89
03	91.64	47.03	91.50	47.29	91.36	47.56	91.22	47.83	91.08	48.09	90.94	48.36
04	92.53	47.49	92.39	47.75	92.25	48.02	92.11	48.29	91.97	48.56	91.83	48.82
05	93.42	47.94	93.28	48.21	93.14	48.48	92.99	48.75	92.85	49.02	92.71	49.29
06	94.31	48.40	94.16	48.67	94.02	48.95	93.88	49.22	93.74	49.49	93.59	49.76
07	95.20	48.86	96.05	49.13	94.91	49.41	94.77	49.68	94.62	49.96	94.48	50.23
08	96.09	49.31	95.94	49.59	95.80	49.87	95.65	50.15	95.51	50.43	95.36	50.70
09	96.98	49.77	96.83	50.05	96.68	50.33	96.54	50.61	96.39	50.89	96.24	51.17
110	97.86	50.23	97.72	50.51	97.57	50.79	97.42	51.08	97.27	51.36	97.12	51.64
11	98.75	50.68	98.61	50.97	98.46	51.25	98.31	51.54	98.16	51.83	98.01	52.11
12	99.64	51.14	99.50	51.43	99.35	51.72	99.19	52.00	99.04	52.29	98.89	52.58
13	100.53	51.60	100.38	51.89	100.23	52.18	100.08	52.47	99.93	52.76	99.77	53.05
14	101.42	52.05	101.27	52.34	101.12	52.64	100.97	52.93	100.81	53.23	100.66	53.52
15	102.31	52.51	102.16	52.80	102.01	53.10	101.85	53.40	101.70	53.69	101.54	53.99
16	103.20	52.97	103.05	53.26	102.89	53.56	102.74	53.86	102.58	54.16	102.42	54.46
17	104.09	53.42	103.94	53.72	103.78	54.02	103.62	54.33	103.46	54.63	103.31	54.93
18	104.98	53.88	104.83	54.18	104.67	54.49	104.51	54.79	104.35	55.09	104.19	55.40
19	105.87	54.34	105.71	54.64	105.55	54.95	105.39	55.25	105.23	55.56	105.07	55.87
120	106.76	54.79	106.60	55.10	106.44	55.41	106.28	55.72	106.12	56.03	105.95	56.34

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	107.65	55.25	107.49	55.36	107.33	55.87	107.17	56.18	107.00	56.50	106.84	56.81
22	108.54	55.71	108.38	56.02	108.22	56.33	108.05	56.65	107.89	56.96	107.72	57.28
23	109.43	56.16	109.27	56.48	109.10	56.80	108.94	57.11	108.77	57.43	108.60	57.74
24	110.32	56.62	110.16	56.94	109.99	57.26	109.82	57.58	109.65	57.90	109.49	58.21
25	111.21	57.08	111.04	57.40	110.88	57.72	110.71	58.04	110.54	58.36	110.37	58.68
26	112.10	57.53	111.93	57.85	111.76	58.18	111.59	58.51	111.42	58.83	111.25	59.15
27	112.99	57.99	112.82	58.31	112.65	58.64	112.48	58.97	112.31	59.30	112.13	59.62
28	113.88	58.45	113.71	58.77	113.54	59.10	113.36	59.43	113.19	59.76	113.02	60.09
29	114.77	58.90	114.60	59.23	114.42	59.57	114.25	59.90	114.08	60.23	113.90	60.56
130	115.66	59.36	115.49	59.69	115.31	60.03	115.14	60.36	114.96	60.70	114.78	61.03
31	116.55	59.82	116.37	60.15	116.20	60.49	116.02	60.83	115.84	61.16	115.67	61.50
32	117.44	60.27	117.26	60.61	117.09	60.95	116.91	61.29	116.73	61.63	116.55	61.97
33	118.33	60.73	118.15	61.07	117.97	61.41	117.79	61.76	117.61	62.10	117.43	62.44
34	119.22	61.19	119.04	61.53	118.86	61.87	118.68	62.22	118.50	62.56	118.32	62.91
35	120.11	61.64	119.93	61.99	119.75	62.34	119.56	62.68	119.38	63.03	119.20	63.38
36	121.00	62.10	120.82	62.45	120.63	62.80	120.45	63.15	120.27	63.50	120.08	63.85
37	121.89	62.56	121.70	62.91	121.52	63.26	121.34	63.61	121.15	63.97	120.96	64.32
38	122.78	63.01	122.59	63.36	122.41	63.72	122.22	64.08	122.03	64.43	121.85	64.79
39	123.67	63.47	123.48	63.82	123.29	64.18	123.11	64.54	122.92	64.90	122.73	65.26
140	124.56	63.93	124.37	64.28	124.18	64.64	123.99	65.01	123.80	65.37	123.61	65.73
41	125.45	64.38	125.26	64.74	125.07	65.11	124.88	65.47	124.69	65.83	124.50	66.20
42	126.33	64.84	126.15	65.20	125.96	65.57	125.76	65.93	125.57	66.30	125.38	66.66
43	127.22	65.30	127.03	65.66	126.84	66.03	126.65	66.40	126.46	66.77	126.26	67.13
44	128.11	65.75	127.92	66.12	127.73	66.49	127.54	66.86	127.34	67.23	127.14	67.60
45	129.00	66.21	128.81	66.58	128.62	66.95	128.42	67.33	128.22	67.70	128.03	68.07
46	129.89	66.67	129.70	67.04	129.50	67.42	129.31	67.79	129.11	68.17	128.91	68.54
47	130.78	67.12	130.59	67.50	130.39	67.88	130.19	68.26	129.99	68.63	129.79	69.01
48	131.67	67.58	131.48	67.96	131.28	68.34	131.08	68.72	130.88	69.10	130.68	69.48
49	132.56	68.04	132.36	68.42	132.16	68.80	131.96	69.18	131.76	69.57	131.56	69.95
150	133.45	68.49	133.25	68.87	133.05	69.26	132.85	69.65	132.65	70.04	132.44	70.42
51	134.34	68.95	134.14	69.33	133.94	69.72	133.74	70.11	133.53	70.50	133.33	70.89
52	135.23	69.41	135.03	69.79	134.83	70.19	134.62	70.58	134.41	70.97	134.21	71.36
53	136.12	69.86	135.92	70.25	135.71	70.65	135.51	71.04	135.30	71.44	135.09	71.83
54	137.01	70.32	136.81	70.71	136.60	71.11	136.39	71.51	136.18	71.90	135.97	72.30
55	137.90	70.78	137.69	71.17	137.49	71.57	137.28	71.97	137.07	72.37	136.86	72.77
56	138.79	71.23	138.58	71.63	138.37	72.03	138.16	72.44	137.95	72.84	137.74	73.24
57	139.68	71.69	139.47	72.09	139.26	72.49	139.05	72.90	138.84	73.30	138.62	73.71
58	140.57	72.15	140.36	72.55	140.15	72.96	139.93	73.36	139.72	73.77	139.51	74.18
59	141.46	72.60	141.25	73.01	141.03	73.42	140.82	73.83	140.60	74.24	140.39	74.65
160	142.35	73.06	142.14	73.47	141.92	73.88	141.71	74.29	141.49	74.70	141.27	75.12
61	143.24	73.52	143.02	73.93	142.81	74.34	142.59	74.76	142.37	75.17	142.15	75.58
62	144.13	73.97	143.91	74.38	143.70	74.80	143.48	75.22	143.26	75.64	143.04	76.05
63	145.02	74.43	144.80	74.84	144.58	75.27	144.36	75.69	144.14	76.10	143.92	76.52
64	145.91	74.89	145.69	75.30	145.47	75.73	145.25	76.15	145.03	76.57	144.80	76.99
65	146.80	75.34	146.58	75.76	146.36	76.19	146.13	76.61	145.91	77.04	145.69	77.46
66	147.69	75.80	147.47	76.22	147.24	76.65	147.02	77.08	146.80	77.51	146.57	77.93
67	148.58	76.26	148.35	76.68	148.13	77.11	147.91	77.54	147.68	77.97	147.45	78.40
68	149.47	76.71	149.24	77.14	149.02	77.57	148.79	78.01	148.56	78.44	148.34	78.87
69	150.36	77.17	150.13	77.60	149.90	78.04	149.68	78.47	149.45	78.91	149.22	79.34
170	151.25	77.63	151.02	78.06	150.79	78.50	150.56	78.94	150.33	79.37	150.10	79.81
71	152.14	78.08	151.91	78.52	151.68	78.96	151.45	79.40	151.22	79.84	150.98	80.28
72	153.03	78.54	152.80	78.98	152.57	79.42	152.33	79.86	152.10	80.31	151.87	80.75
73	153.91	78.99	153.68	79.44	153.45	79.88	153.22	80.33	152.99	80.77	152.75	81.22
74	154.80	79.44	154.57	79.89	154.34	80.34	154.11	80.79	153.87	81.24	153.63	81.69
75	155.69	79.90	155.46	80.35	155.23	80.81	154.99	81.26	154.75	81.71	154.52	82.16
76	156.58	80.36	156.35	80.81	156.11	81.27	155.88	81.72	155.64	82.17	155.40	82.63
77	157.47	80.81	157.24	81.27	157.00	81.73	156.76	82.19	156.52	82.64	156.28	83.10
78	158.36	81.27	158.13	81.73	157.89	82.19	157.65	82.65	157.41	83.11	157.16	83.57
79	159.25	81.73	159.01	82.19	158.77	82.65	158.53	83.11	158.29	83.58	158.05	84.04
180	160.14	82.18	159.90	82.65	159.66	83.11	159.42	83.58	159.18	84.04	158.93	84.50

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dis	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	161.03	82.64	160.79	83.11	160.55	83.58	160.31	84.04	160.06	84.51	159.81	84.97
82	161.92	83.10	161.68	83.57	161.44	84.04	161.19	84.51	160.94	84.98	160.70	85.44
83	162.81	83.55	162.57	84.03	162.32	84.50	162.08	84.97	161.83	85.44	161.58	85.91
84	163.70	84.01	163.46	84.49	163.21	84.96	162.96	85.44	162.71	85.91	162.46	86.38
85	164.59	84.47	164.34	84.95	164.10	85.42	163.85	85.90	163.60	86.38	163.35	86.85
86	165.48	84.92	165.23	85.40	164.98	85.89	164.73	86.36	164.48	86.84	164.23	87.32
87	166.37	85.38	166.12	85.86	165.87	86.35	165.62	86.83	165.37	87.31	165.11	87.78
88	167.26	85.84	167.01	86.32	166.76	86.81	166.50	87.29	166.25	87.78	165.99	88.26
89	168.15	86.29	167.90	86.78	167.64	87.27	167.39	87.76	167.13	88.24	166.88	88.73
190	169.04	86.75	168.79	87.24	168.53	87.73	168.28	88.22	168.02	88.71	167.76	89.20
91	169.93	87.21	169.67	87.70	169.42	88.19	169.16	88.69	168.90	89.18	168.64	89.67
92	170.82	87.66	170.56	88.16	170.31	88.66	170.05	89.15	169.79	89.64	169.53	90.14
93	171.71	88.12	171.45	88.62	171.19	89.12	170.93	89.62	170.67	90.11	170.41	90.61
94	172.60	88.58	172.34	89.08	172.08	89.58	171.82	90.08	171.56	90.58	171.29	91.08
95	173.49	89.03	173.23	89.54	172.97	90.04	172.70	90.54	172.44	91.05	172.18	91.55
96	174.38	89.49	174.12	90.00	173.85	90.50	173.59	91.01	173.32	91.51	173.06	92.02
97	175.27	89.95	175.00	90.46	174.74	90.96	174.48	91.47	174.21	91.98	173.94	92.48
98	176.16	90.40	175.89	90.91	175.63	91.43	175.36	91.94	175.09	92.45	174.82	92.96
99	177.05	90.86	176.78	91.37	176.51	91.89	176.25	92.40	175.98	92.91	175.71	93.42
200	177.94	91.32	177.67	91.83	177.40	92.35	177.13	92.87	176.86	93.38	176.59	93.89
01	178.83	91.77	178.56	92.29	178.29	92.81	178.02	93.33	177.75	93.85	177.47	94.36
02	179.72	92.23	179.45	92.75	179.18	93.27	178.90	93.79	178.63	94.31	178.36	94.83
03	180.61	92.69	180.33	93.21	180.06	93.74	179.79	94.26	179.51	94.78	179.24	95.30
04	181.49	93.14	181.22	93.67	180.95	94.20	180.68	94.72	180.40	95.25	180.12	95.77
05	182.38	93.60	182.11	94.13	181.84	94.66	181.56	95.19	181.28	95.71	181.00	96.24
06	183.27	94.06	183.00	94.59	182.72	95.12	182.45	95.65	182.17	96.18	181.89	96.71
07	184.16	94.51	183.89	95.05	183.61	95.58	183.33	96.12	183.05	96.65	182.77	97.18
08	185.05	94.97	184.78	95.51	184.50	96.04	184.22	96.58	183.94	97.12	183.65	97.65
09	185.94	95.43	185.66	95.97	185.39	96.51	185.10	97.04	184.82	97.58	184.54	98.12
210	186.83	95.88	186.55	96.42	186.27	96.97	185.99	97.51	185.70	98.05	185.42	98.59
11	187.72	96.34	187.44	96.88	187.16	97.43	186.87	97.97	186.59	98.52	186.30	99.06
12	188.61	96.79	188.33	97.34	188.05	97.89	187.76	98.44	187.47	98.98	187.19	99.53
13	189.50	97.25	189.22	97.80	188.93	98.35	188.65	98.90	188.36	99.45	188.07	100.00
14	190.39	97.71	190.11	98.26	189.82	98.81	189.53	99.37	189.24	99.92	188.95	100.47
15	191.28	98.16	191.00	98.72	190.71	99.28	190.42	99.83	190.12	100.38	189.83	100.94
16	192.17	98.62	191.88	99.18	191.59	99.74	191.30	100.29	191.01	100.85	190.72	101.41
17	193.06	99.08	192.77	99.64	192.48	100.20	192.19	100.76	191.89	101.32	191.60	101.88
18	193.95	99.53	193.66	100.10	193.37	100.66	193.07	101.22	192.78	101.78	192.48	102.34
19	194.84	99.99	194.55	100.56	194.26	101.12	193.96	101.69	193.66	102.25	193.37	102.81
220	195.73	100.45	195.44	101.02	195.14	101.58	194.85	102.15	194.55	102.72	194.25	103.28
21	196.62	100.90	196.33	101.48	196.03	102.05	195.73	102.62	195.43	103.19	195.13	103.75
22	197.51	101.36	197.21	101.93	196.92	102.51	196.62	103.08	196.32	103.65	196.01	104.22
23	198.40	101.82	198.10	102.39	197.80	102.97	197.50	103.54	197.20	104.12	196.90	104.69
24	199.29	102.27	198.99	102.85	198.69	103.43	198.39	104.01	198.08	104.59	197.78	105.16
25	200.18	102.73	199.88	103.31	199.58	103.89	199.27	104.47	198.97	105.05	198.66	105.63
26	201.07	103.19	200.77	103.77	200.46	104.36	200.16	104.94	199.85	105.52	199.55	106.10
27	201.96	103.64	201.66	104.23	201.35	104.82	201.05	105.40	200.74	105.99	200.43	106.57
28	202.85	104.10	202.54	104.69	202.24	105.28	201.93	105.87	201.62	106.45	201.31	107.04
29	203.74	104.56	203.43	105.16	203.13	105.74	202.82	106.33	202.51	106.92	202.20	107.51
230	204.63	105.01	204.32	105.61	204.01	106.20	203.70	106.80	203.39	107.39	203.08	107.98
31	205.52	105.47	205.21	106.07	204.90	106.66	204.59	107.26	204.28	107.85	203.96	108.46
32	206.41	105.93	206.10	106.53	205.79	107.13	205.47	107.72	205.16	108.32	204.84	108.92
33	207.30	106.38	206.99	106.99	206.67	107.59	206.36	108.19	206.04	108.78	205.73	109.39
34	208.19	106.84	207.87	107.44	207.56	108.05	207.25	108.65	206.93	109.25	206.61	109.86
35	209.08	107.30	208.76	107.90	208.45	108.51	208.13	109.12	207.81	109.72	207.49	110.33
36	209.96	107.75	209.65	108.36	209.33	108.97	209.02	109.58	208.70	110.19	208.38	110.80
37	210.85	108.21	210.54	108.82	210.22	109.43	209.90	110.05	209.58	110.66	209.26	111.26
38	211.74	108.67	211.43	109.28	211.11	109.90	210.79	110.51	210.47	111.12	210.14	111.73
39	212.63	109.12	212.32	109.74	212.00	110.36	211.67	110.97	211.35	111.59	211.02	112.20
240	213.52	109.58	213.20	110.20	212.88	110.82	212.56	111.44	212.23	112.06	211.91	112.67

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Gr.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	214.41	110.04	214.09	110.66	213.77	111.28	213.44	111.90	213.12	112.52	212.79	113.14
42	215.30	110.49	214.98	111.12	214.66	111.74	214.33	112.37	214.00	112.99	213.67	113.61
43	216.19	110.95	215.87	111.58	215.54	112.21	215.22	112.83	214.89	113.46	214.56	114.08
44	217.08	111.41	216.76	112.04	216.43	112.67	216.10	113.30	215.77	113.92	215.44	114.55
45	217.97	111.86	217.65	112.50	217.32	113.13	216.99	113.76	216.66	114.39	216.32	115.02
46	218.86	112.32	218.53	112.95	218.20	113.59	217.87	114.22	217.54	114.86	217.21	115.49
47	219.75	112.78	219.42	113.41	219.09	114.05	218.76	114.69	218.42	115.32	218.09	115.96
48	220.64	113.23	220.31	113.87	219.98	114.51	219.64	115.15	219.31	115.79	218.97	116.43
49	221.53	113.69	221.20	114.33	220.87	114.98	220.53	115.62	220.19	116.26	219.85	116.90
250	222.42	114.15	222.09	114.79	221.75	115.44	221.42	116.08	221.08	116.73	220.74	117.37
51	223.31	114.60	222.98	115.25	222.64	115.90	222.30	116.55	221.96	117.19	221.62	117.84
52	224.20	115.06	223.86	115.71	223.53	116.36	223.19	117.01	222.85	117.66	222.50	118.31
53	225.09	115.52	224.75	116.17	224.41	116.82	224.07	117.47	223.73	118.13	223.39	118.78
54	225.98	115.97	225.64	116.63	225.30	117.28	224.96	117.94	224.61	118.59	224.27	119.25
55	226.87	116.43	226.53	117.09	226.19	117.75	225.84	118.40	225.50	119.06	225.15	119.72
56	227.76	116.89	227.42	117.55	227.07	118.21	226.73	118.87	226.38	119.53	226.03	120.18
57	228.65	117.34	228.31	118.01	227.96	118.67	227.62	119.33	227.27	119.99	226.92	120.65
58	229.54	117.80	229.19	118.46	228.85	119.13	228.50	119.80	228.15	120.46	227.80	121.12
59	230.43	118.26	230.08	118.92	229.74	119.59	229.39	120.26	229.04	120.93	228.68	121.59
260	231.32	118.71	230.97	119.38	230.62	120.05	230.27	120.73	229.92	121.39	229.57	122.06
61	232.21	119.17	231.86	119.84	231.51	120.52	231.16	121.19	230.80	121.86	230.45	122.53
62	233.10	119.63	232.75	120.30	232.40	120.98	232.04	121.65	231.69	122.33	231.33	123.00
63	233.99	120.08	233.64	120.76	233.28	121.44	232.93	122.12	232.57	122.79	232.22	123.47
64	234.88	120.54	234.52	121.22	234.17	121.90	233.82	122.58	233.46	123.26	233.10	123.94
65	235.77	121.00	235.41	121.68	235.06	122.36	234.70	123.05	234.34	123.73	233.98	124.41
66	236.66	121.45	236.30	122.14	235.94	122.83	235.59	123.51	235.23	124.20	234.86	124.88
67	237.54	121.91	237.19	122.60	236.83	123.29	236.47	123.98	236.11	124.66	235.75	125.35
68	238.43	122.37	238.08	123.06	237.72	123.75	237.36	124.44	236.99	125.13	236.63	125.82
69	239.32	122.82	238.97	123.52	238.61	124.21	238.24	124.90	237.88	125.60	237.51	126.29
270	240.21	123.28	239.85	123.97	239.49	124.67	239.13	125.37	238.76	126.06	238.40	126.76
71	241.10	123.74	240.74	124.43	240.38	125.13	240.01	125.83	239.65	126.53	239.28	127.23
72	241.99	124.19	241.63	124.89	241.27	125.60	240.90	126.30	240.53	127.00	240.16	127.70
73	242.88	124.65	242.52	125.35	242.15	126.06	241.79	126.76	241.42	127.26	241.05	128.17
74	243.77	125.11	243.41	125.81	243.04	126.52	242.67	127.23	242.30	127.93	241.93	128.64
75	244.66	125.56	244.30	126.27	243.93	126.98	243.56	127.69	243.18	128.40	242.81	129.10
76	245.55	126.02	245.18	126.73	244.81	127.44	244.44	128.15	244.07	128.86	243.69	129.57
77	246.44	126.48	246.07	127.19	245.70	127.90	245.33	128.62	244.95	129.33	244.58	130.04
78	247.33	126.93	246.96	127.65	246.59	128.37	246.21	129.08	245.84	129.80	245.46	130.51
79	248.22	127.39	247.85	128.11	247.48	128.83	247.10	129.55	246.72	130.27	246.34	130.98
280	249.11	127.85	248.74	128.57	248.36	129.29	247.99	130.01	247.61	130.73	247.23	131.45
81	250.00	128.30	249.63	129.03	249.25	129.75	248.87	130.48	248.49	131.20	248.11	131.92
82	250.89	128.76	250.51	129.48	250.14	130.21	249.76	130.94	249.37	131.67	248.99	132.39
83	251.78	129.22	251.40	129.94	251.02	130.67	250.64	131.40	250.26	132.13	249.87	132.86
84	252.67	129.67	252.29	130.40	251.91	131.14	251.53	131.87	251.14	132.60	250.76	133.33
85	253.56	130.13	253.18	130.86	252.80	131.60	252.41	132.33	252.03	133.07	251.64	133.80
86	254.45	130.59	254.07	131.32	253.68	132.06	253.30	132.80	252.91	133.53	252.52	134.27
87	255.34	131.04	254.96	131.78	254.57	132.52	254.19	133.26	253.80	134.00	253.41	134.74
88	256.23	131.50	255.84	132.24	255.46	132.98	255.07	133.73	254.68	134.47	254.29	135.21
89	257.12	131.95	256.73	132.70	256.35	133.45	255.96	134.19	255.57	134.93	255.17	135.68
290	258.01	132.41	257.62	133.16	257.23	133.91	256.84	134.65	256.45	135.40	256.06	136.15
91	258.90	132.86	258.51	133.62	258.12	134.37	257.73	135.12	257.33	135.87	256.94	136.62
92	259.79	133.32	259.40	134.08	259.01	134.83	258.61	135.58	258.22	136.34	257.82	137.09
93	260.68	133.78	260.29	134.54	259.89	135.29	259.50	136.05	259.10	136.80	258.70	137.56
94	261.57	134.23	261.17	134.99	260.78	135.75	260.38	136.51	259.99	137.27	259.59	138.03
95	262.46	134.69	262.06	135.45	261.67	136.22	261.27	136.98	260.87	137.74	260.47	138.49
96	263.35	135.15	262.93	135.91	262.56	136.68	262.16	137.44	261.76	138.20	261.35	138.96
97	264.24	135.60	263.84	136.37	263.44	137.14	263.04	137.91	262.64	138.67	262.24	139.43
98	265.12	136.06	264.73	136.83	264.33	137.60	263.93	138.37	263.52	139.14	263.12	139.90
99	266.01	136.52	265.62	137.29	265.22	138.06	264.81	138.83	264.41	139.60	264.00	140.37
300	266.90	136.97	266.50	137.75	266.10	138.52	265.70	139.30	265.29	140.07	264.88	140.84

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dis	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.88	0.47	0.88	0.47	0.88	0.48	0.88	0.48	0.88	0.48	0.87	0.48
2	1.76	0.94	1.76	0.95	1.76	0.95	1.75	0.96	1.75	0.96	1.75	0.97
3	2.64	1.42	2.64	1.42	2.64	1.43	2.63	1.44	2.63	1.45	2.62	1.45
4	3.53	1.89	3.52	1.90	3.52	1.91	3.51	1.92	3.50	1.93	3.50	1.94
5	4.41	2.36	4.40	2.37	4.39	2.39	4.39	2.40	4.38	2.41	4.37	2.42
6	5.29	2.83	5.28	2.85	5.27	2.86	5.26	2.88	5.26	2.89	5.25	2.91
7	6.17	3.30	6.16	3.32	6.15	3.34	6.14	3.36	6.13	3.38	6.12	3.39
8	7.05	3.78	7.04	3.80	7.03	3.82	7.02	3.84	7.01	3.86	7.00	3.88
9	7.93	4.25	7.92	4.27	7.91	4.29	7.90	4.32	7.88	4.34	7.87	4.36
10	8.82	4.72	8.80	4.75	8.79	4.77	8.77	4.80	8.76	4.82	8.75	4.85
11	9.70	5.19	9.68	5.22	9.67	5.25	9.65	5.28	9.64	5.30	9.62	5.33
12	10.58	5.66	10.56	5.70	10.55	5.73	10.53	5.76	10.51	5.79	10.50	5.82
13	11.46	6.14	11.44	6.17	11.42	6.20	11.41	6.24	11.39	6.27	11.37	6.30
14	12.34	6.61	12.32	6.64	12.30	6.68	12.28	6.72	12.26	6.75	12 24	6.79
15	13.22	7.08	13.20	7.12	13.18	7·16	13.16	7.20	13.14	7.23	13.12	7.27
16	14.11	7.55	14.08	7.59	14.06	7.63	14.04	7.68	14.02	7.72	13.99	7.76
17	14.99	8.02	14.96	8.07	14.94	8.11	14.92	8.16	14.89	8.20	14.87	8.24
18	15.87	8.50	15.84	8.54	15.82	8.59	15.79	8.63	15.77	8.68	15.74	8.73
19	16.75	8.97	16.72	9.02	16.70	9.07	16.67	9.11	16.64	9.16	16.62	9.21
20	17.63	9.44	17.60	9.49	17.58	9.54	17.55	9.59	17.52	9.65	17.49	9.70
21	18.51	9.91	18.48	9.97	18.46	10.02	18.43	10.07	18.40	10.13	18.37	10.18
22	19.39	10.38	19.36	10.44	19.33	10.50	19.30	10.55	19.27	10.61	19.24	10.67
23	20.28	10.86	20.24	10.92	20.21	10.98	20.18	11.03	20.15	11.09	20.12	11.15
24	21.16	11.33	21.12	11.39	21.09	11.45	21.06	11.51	21.02	11.57	20.99	11.64
25	22.04	11.80	22.01	11.87	21.97	11.93	21.94	11.99	21.90	12.06	21.87	12.12
26	22.92	12.27	22.89	12.34	22.85	12.41	22.81	12.47	22.78	12.54	22.74	12.61
27	23.80	12.75	23.77	12.81	23.73	12.88	23.69	12.95	23.65	13.02	23.61	13.09
28	24.68	13.22	24.65	13.29	24.61	13.36	24.57	13.43	24.53	13.50	24.49	13.57
29	25.57	13.69	25.53	13.76	25.48	13.84	25.45	13.91	25.40	13.99	25.36	14.06
30	26.45	14.16	26.41	14.24	26.36	14.32	26.32	14.39	26.28	14.47	26.24	14.54
31	27.33	14.63	27.29	14.71	27.24	14.79	27.20	14.87	27.16	14.95	27.11	15.03
32	28.21	15.11	28.17	15.19	28.12	15.27	28.08	15.35	28.03	15.43	27.99	15.51
33	29.09	15.58	29.05	15.66	29.00	15.75	28.95	15.83	28.91	15.91	28.86	16.00
34	29.97	16.05	29.93	16.14	29.88	16.22	29.83	16.31	29.78	16.40	29.74	16.48
35	30.86	16.52	30.81	16.61	30.76	16.70	30.71	16.79	30.66	16.88	30.61	16.97
36	31.74	16.99	31.69	17.09	31.64	17.18	31.59	17.27	31.54	17.36	31.49	17.45
37	32.62	17.47	32.57	17.56	32.52	17.66	32.46	17.75	32.41	17.84	32.36	17.94
38	33.50	17.94	33.45	18.03	33.39	18.13	33.34	18.23	33.29	18.33	33.23	18.42
39	34.38	18.41	34.33	18.51	34.27	18.61	34.22	18.71	34.17	18.71	34.11	18.91
40	35.26	18.88	35.21	18.98	35.15	19.09	35.10	19.19	35.04	19.29	34.98	19.39
41	36.14	19.35	36.09	19.46	36.03	19.56	35.97	19.67	35.92	19.77	35.86	19.88
42	37.03	19.83	36.97	19.93	36.91	20.04	36.85	20.15	36.79	20.26	36.73	20.36
43	37.91	20.30	37.85	20.41	37.79	20.52	37.73	20.63	37.67	20.74	37.61	20.85
44	38.79	20.77	38.73	20.88	38.67	21.00	38.61	21.11	38.55	21.22	38.48	21.33
45	39.67	21.24	39.61	21.36	39.55	21.47	39.48	21.59	39.42	21.70	39.36	21.82
46	40.55	21.71	40.49	21.83	40.42	21.95	40.36	22.07	40.30	22.18	40.24	22.30
47	41.43	22.19	41.37	22.31	41.30	22.43	41.24	22.55	41.17	22.67	41.11	22.78
48	42.32	22.66	42.25	22.78	42.18	22.90	42.12	23.03	42.05	23.15	41.98	23.27
49	43.20	23.13	43.13	23.26	43.06	23.38	42.99	23.51	42.93	23.63	42.86	23.76
50	44.08	23.60	44.01	23.73	43.94	23.86	43.87	23.99	43.80	24.11	43.73	24.24
51	44.96	24.07	44.89	24.20	44.82	24.34	44.75	24.47	44.68	24.60	44.61	24.73
52	45.84	24.55	45.77	24.68	45.70	24.81	45.63	24.95	45.55	25.08	45.48	25.21
53	46.72	25.02	46.65	25.15	46.58	25.29	46.50	25.42	46.43	25.56	46.35	25.69
54	47.61	25.49	47.53	25.63	47.46	25.77	47.38	25.90	47.31	26.04	47.23	26.18
55	48.49	25.96	48.41	26.10	48.33	26.24	48.26	26.38	48.18	26.52	48.10	26.66
56	49.37	26.43	49.29	26.58	49.21	26.72	49.14	26.86	49.06	27.01	48.98	27.15
57	50.25	26.91	50.17	27.05	50.09	27.20	50.01	27.34	49.93	27.49	49.85	27.63
58	51.13	27.38	51.05	27.53	50.97	27.68	50.89	27.82	50.81	27.97	50.73	28.12
59	52.01	27.85	51.93	28.00	51.85	28.15	51.77	28.30	51.69	28.45	51.60	28.60
60	52.89	28.32	52.81	28.48	52.73	28.63	52.65	28.78	52.56	28.94	52.48	29.09
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	53.78	28.79	53.69	28.95	53.61	29.11	53.52	29.26	53.44	29.42	53.35	29.57
62	54.66	29.27	54.57	29.43	54.49	29.58	54.40	29.74	54.31	29.90	54.23	30.06
63	55.54	29.74	55.45	29.90	55.36	30.06	55.28	30.22	55.19	30.38	55.10	30.54
64	56.42	30.21	56.33	30.37	56.24	30.54	56.16	30.70	56.07	30.86	55.98	31.03
65	57.30	30.68	57.21	30.85	57.12	31.02	57.09	31.18	56.94	31.35	56.85	31.51
66	58.18	31.15	58.09	31.32	58.00	31.49	57.91	31.66	57.82	31.83	57.72	32.00
67	59.07	31.63	58.97	31.80	58.88	31.97	58.79	32.14	58.69	32.31	58.60	32.48
68	59.95	32.10	59.85	32.27	59.76	32.45	59.66	32.62	59.57	32.79	59.47	32.97
69	60.83	32.57	60.73	32.75	60.64	32.92	60.54	33.10	60.45	33.28	60.35	33.45
70	61.71	33.04	61.61	33.22	61.52	33.40	61.42	33.58	61.32	33.76	61.22	33.94
71	62.59	33.51	62.49	33.70	62.39	33.88	62.30	34.06	62.20	34.24	62.10	34.42
72	63.47	33.99	63.37	34.17	63.27	34.36	63.17	34.54	63.07	34.72	62.97	34.91
73	64.36	34.46	64.25	34.65	64.15	34.83	64.05	35.02	63.95	35.21	63.85	35.39
74	65.24	34.93	65.13	35.12	65.09	35.31	64.93	35.50	64.83	35.69	64.72	35.88
75	66.12	35.40	66.02	35.60	65.91	35.79	65.81	35.98	65.70	36.17	65.60	36.36
76	67.00	35.87	66.90	36.07	66.79	36.26	66.68	36.46	66.58	36.65	66.47	36.85
77	67.88	36.35	67.78	36.54	67.67	36.74	67.56	36.94	67.45	37.13	67.35	37.33
78	68.76	36.82	68.66	37.02	68.55	37.22	68.44	37.42	68.33	37.62	68.22	37.82
79	69.64	37.29	69.54	37.49	69.43	37.70	69.32	37.90	69.21	38.10	69.09	38.30
80	70.53	37.76	70.42	37.97	70.30	38.17	70.19	38.38	70.08	38.58	69.97	38.78
81	71.41	38.24	71.30	38.44	71.18	38.65	71.07	38.86	70.96	39.06	70.84	39.27
82	72.29	38.71	72.18	38.92	72.06	39.13	71.95	39.34	71.83	39.55	71.72	39.75
83	73.17	39.18	73.06	39.39	72.94	39.61	72.83	39.82	72.71	40.03	72.59	40.24
84	74.05	39.65	73.94	39.87	73.82	40.08	73.70	40.30	73.59	40.51	73.47	40.72
85	74.93	40.12	74.82	40.34	74.70	40.56	74.58	40.78	74.46	40.99	74.34	41.21
86	75.82	40.60	75.70	40.82	75.58	41.04	75.46	41.26	75.34	41.47	75.22	41.69
87	76.70	41.07	76.58	41.29	76.46	41.51	76.34	41.74	76.21	41.96	76.09	42.18
88	77.58	41.54	77.46	41.76	77.33	41.99	77.21	42.21	77.09	42.44	76.97	42.66
89	78.46	42.01	78.34	42.24	78.21	42.47	78.09	42.69	77.97	42.92	77.84	43.15
90	79.34	42.48	79.22	42.71	79.09	42.95	78.97	43.17	78.84	43.40	78.72	43.63
91	80.22	42.96	80.10	43.19	79.97	43.42	79.85	43.65	79.72	43.89	79.59	44.12
92	81.11	43.43	80.98	43.66	80.85	43.90	80.72	44.13	80.59	44.37	80.47	44.60
93	81.99	43.90	81.86	44.14	81.73	44.38	81.60	44.61	81.47	44.85	81.34	45.08
94	82.87	44.37	82.74	44.61	82.61	44.85	82.48	45.09	82.35	45.33	82.21	45.57
95	83.75	44.84	83.62	45.09	83.49	45.33	83.36	45.57	83.22	45.81	83.09	46.06
96	84.63	45.32	84.50	45.56	84.37	45.81	84.23	46.05	84.10	46.30	83.96	46.54
97	85.51	45.79	85.38	46.04	85.24	46.29	85.11	46.53	84.97	46.78	84.84	47.03
98	86.39	46.26	86.26	46.51	86.12	46.76	85.99	47.01	85.85	47.26	85.71	47.51
99	87.28	46.73	87.14	46.99	87.00	47.24	86.86	47.49	86.73	47.74	86.59	48.00
100	88.16	47.20	88.02	47.46	87.88	47.72	87.74	47.97	87.60	48.23	87.46	48.48
01	89.04	47.68	88.90	47.93	88.76	48.19	88.62	48.45	88.48	48.71	88.34	48.97
02	89.92	48.15	89.78	48.41	89.64	48.67	89.50	48.93	89.35	49.19	89.21	49.45
03	90.80	48.62	90.66	48.88	90.52	49.15	90.37	49.41	90.23	49.67	90.09	49.94
04	91.68	49.09	91.54	49.36	91.40	49.63	91.25	49.89	91.11	50.16	90.96	50.42
05	92.57	49.56	92.42	49.83	92.27	50.10	92.13	50.37	91.98	50.64	91.84	50.90
06	93.45	50.04	93.30	50.31	93.15	50.58	93.01	50.85	92.86	51.12	92.71	51.39
07	94.33	50.51	94.18	50.78	94.03	51.06	93.88	51.33	93.73	51.60	93.58	51.87
08	95.21	50.98	95.06	51.26	94.91	51.53	94.76	51.81	94.61	52.08	94.46	52.36
09	96.09	51.45	95.94	51.73	95.79	52.01	95.64	52.29	95.49	52.57	95.33	52.84
110	96.97	51.92	96.82	52.21	96.67	52.49	96.52	52.77	96.36	53.05	96.21	53.33
11	97.86	52.40	97.70	52.68	97.55	52.97	97.39	53.25	97.24	53.53	97.08	53.81
12	98.74	52.87	98.58	53.16	98.43	53.44	98.27	53.73	98.11	54.01	97.96	54.30
13	99.62	53.34	99.46	53.63	99.31	53.92	99.15	54.21	98.99	54.50	98.84	54.78
14	100.50	53.81	100.34	54.10	100.19	54.40	100.03	54.69	99.87	54.98	99.71	55.27
15	101.38	54.28	101.22	54.58	101.06	54.87	100.90	55.17	100.74	55.46	100.58	55.75
16	102.26	54.76	102.10	55.05	101.94	55.35	101.78	55.65	101.62	55.94	101.46	56.24
17	103.14	55.23	102.98	55.53	102.82	55.83	102.66	56.13	102.50	56.42	102.33	56.72
18	104.03	55.70	103.86	56.00	103.70	56.31	103.54	56.61	103.37	56.91	103.21	57.21
19	104.91	56.17	104.74	56.48	104.58	56.78	104.41	57.09	104.25	57.39	104.08	57.69
20	105.79	56.64	105.62	56.95	105.46	57.26	105.29	57.57	105.12	57.87	104.95	58.18

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
21	106.67	57.12	106.50	57.43	106.34	57.74	106.17	58.05	106.00	58.35	105.83	58.66
22	107.55	57.59	107.38	57.90	107.22	58.21	107.05	58.52	106.88	58.84	106.70	59.15
23	108.42	58.06	108.26	58.38	108.09	58.69	107.92	59.00	107.75	59.32	107.58	59.63
24	109.32	58.53	109.14	58.85	108.97	59.17	108.80	59.48	108.63	59.80	108.45	60.12
25	110.20	59.00	110.03	59.33	109.85	59.65	109.68	59.96	109.50	60.28	109.33	60.60
26	111.08	59.48	110.91	59.80	110.73	60.12	110.56	60.44	110.38	60.77	110.20	61.09
27	111.96	59.95	111.79	60.27	111.61	60.60	111.43	60.92	111.26	61.25	111.08	61.57
28	112.84	60.42	112.67	60.75	112.49	61.08	112.31	61.40	112.13	61.73	111.96	62.06
29	113.72	60.89	113.55	61.22	113.37	61.55	113.19	61.88	113.01	62.21	112.83	62.54
30	114.61	61.36	114.43	61.70	114.25	62.03	114.07	62.36	113.88	62.69	113.70	63.03
31	115.49	61.84	115.31	62.17	115.12	62.51	114.94	62.84	114.76	63.18	114.58	63.51
32	116.37	62.31	116.19	62.65	116.00	62.99	115.82	63.32	115.64	63.66	115.45	63.99
33	117.25	62.78	117.07	63.12	116.88	63.46	116.70	63.80	116.51	64.14	116.32	64.48
34	118.13	63.25	117.96	63.60	117.76	63.94	117.57	64.28	117.39	64.62	117.20	64.96
35	119.01	63.73	118.86	64.07	118.64	64.42	118.45	64.76	118.26	65.11	118.07	65.45
36	119.89	64.20	119.71	64.55	119.52	64.89	119.33	65.24	119.14	65.59	118.95	65.93
37	120.78	64.67	120.59	65.02	120.40	65.37	120.21	65.72	120.02	66.07	119.82	66.42
38	121.66	65.14	121.47	65.49	121.28	65.85	121.08	66.20	120.89	66.55	120.70	66.90
39	122.54	65.61	122.35	65.97	122.16	66.33	121.96	66.68	121.77	67.03	121.57	67.38
40	123.42	66.09	123.23	66.44	123.03	66.80	122.84	67.16	122.64	67.52	122.45	67.87
41	124.30	66.56	124.11	66.92	123.91	67.28	123.72	67.64	123.52	68.00	123.32	68.36
42	125.18	67.03	124.99	67.39	124.79	67.76	124.59	68.12	124.40	68.48	124.20	68.84
43	126.07	67.50	125.87	67.87	125.67	68.24	125.47	68.60	125.27	68.96	125.07	69.33
44	126.95	67.97	126.75	68.34	126.55	68.71	126.35	69.08	126.15	69.45	125.95	69.81
45	127.83	68.45	127.63	68.82	127.42	69.19	127.23	69.56	127.02	69.93	126.82	70.30
46	128.71	68.92	128.51	69.29	128.31	69.67	128.10	70.04	127.90	70.41	127.69	70.78
47	129.59	69.39	129.39	69.77	129.19	70.14	128.98	70.52	128.78	70.89	128.57	71.27
48	130.47	69.86	130.27	70.24	130.06	70.62	129.86	71.00	129.65	71.37	129.44	71.75
49	131.36	70.33	131.15	70.72	130.94	71.10	130.74	71.48	130.53	71.86	130.32	72.24
50	132.24	70.81	132.03	71.19	131.82	71.58	131.61	71.96	131.40	72.34	131.19	72.72
51	133.12	71.28	132.91	71.66	132.70	72.05	132.49	72.44	132.28	72.82	132.07	73.21
52	134.00	71.75	133.79	72.14	133.58	72.53	133.37	72.92	133.16	73.30	132.94	73.69
53	134.88	72.22	134.67	72.61	134.46	73.01	134.25	73.40	134.03	73.79	133.82	74.18
54	135.76	72.69	135.55	73.09	135.34	73.48	135.12	73.88	134.91	74.27	134.69	74.66
55	136.64	73.17	136.43	73.56	136.22	73.96	136.00	74.36	135.78	74.75	135.57	75.15
56	137.53	73.64	137.31	74.04	137.10	74.44	136.88	74.84	136.66	75.23	136.44	75.63
57	138.41	74.11	138.19	74.51	137.97	74.92	137.76	75.31	137.54	75.72	137.32	76.12
58	139.29	74.58	139.07	74.99	138.85	75.39	138.62	75.79	138.41	76.20	138.19	76.60
59	140.17	75.05	139.95	75.46	139.73	75.87	139.51	76.27	139.29	76.68	139.06	77.08
60	141.05	75.53	140.83	75.94	140.61	76.35	140.39	76.75	140.16	77.16	139.94	77.57
61	141.93	76.00	141.71	76.41	141.49	76.82	141.27	77.23	141.04	77.64	140.81	78.05
62	142.82	76.47	142.59	76.89	142.37	77.30	142.14	77.71	141.92	78.13	141.69	78.54
63	143.70	76.94	143.47	77.36	143.25	77.78	143.02	78.19	142.79	78.61	142.56	79.02
64	144.58	77.41	144.35	77.83	144.13	78.26	143.90	78.67	143.67	79.09	143.44	79.51
65	145.46	77.89	145.23	78.31	145.00	78.73	144.77	79.15	144.54	79.57	144.31	79.99
66	146.34	78.36	146.11	78.78	145.88	79.21	145.65	79.63	145.42	80.06	145.19	80.48
67	147.22	78.83	146.99	79.26	146.76	79.69	146.53	80.11	146.30	80.54	146.06	80.96
68	148.11	79.30	147.87	79.73	147.64	80.16	147.41	80.59	147.17	81.02	146.94	81.45
69	148.99	79.77	148.75	80.21	148.52	80.64	148.28	81.07	148.05	81.50	147.81	81.93
70	149.87	80.25	149.63	80.68	149.40	81.12	149.16	81.55	148.92	81.98	148.69	82.41
71	150.75	80.72	150.51	81.16	150.28	81.60	150.04	82.03	149.80	82.47	149.56	82.90
72	151.63	81.19	151.39	81.63	151.16	82.07	150.92	82.51	150.68	82.95	150.43	83.39
73	152.51	81.66	152.27	82.11	152.04	82.55	151.79	82.99	151.55	83.43	151.31	83.87
74	153.39	82.13	153.15	82.58	152.91	83.03	152.67	83.47	152.43	83.91	152.18	84.36
75	154.28	82.61	154.04	83.06	153.79	83.50	153.55	83.95	153.30	84.40	153.06	84.84
76	155.16	83.08	154.92	83.53	154.67	83.98	154.43	84.43	154.18	84.88	153.93	85.33
77	156.04	83.55	155.80	84.00	155.55	84.46	155.30	84.91	155.06	85.36	154.81	85.81
78	156.92	84.02	156.68	84.48	156.43	84.94	156.18	85.39	155.93	85.84	155.68	86.30
79	157.80	84.49	157.56	84.95	157.31	85.41	157.06	85.87	156.81	86.33	156.56	86.78
80	158.68	84.97	158.44	85.43	158.19	85.89	157.94	86.36	157.68	86.81	157.43	87.27

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	159.57	85.44	159.32	85.90	159.07	86.37	158.81	86.83	158.56	87.29	158.31	87.75
82	160.45	85.91	160.20	86.38	159.94	86.84	159.69	87.31	159.44	87.77	159.18	88.24
83	161.33	86.38	161.08	86.85	160.82	87.32	160.57	87.79	160.31	88.25	160.06	88.72
84	162.21	86.85	161.96	87.33	161.70	87.80	161.45	88.27	161.19	88.74	160.93	89.20
85	163.09	87.33	162.84	87.80	162.58	88.28	162.32	88.75	162.06	89.22	161.80	89.69
86	163.97	87.80	163.72	88.28	163.46	88.75	163.20	89.23	162.94	89.70	162.68	90.17
87	164.86	88.27	164.60	88.75	164.34	89.23	164.08	89.71	163.82	90.18	163.55	90.66
88	165.74	88.74	165.48	89.22	165.22	89.71	164.96	90.19	164.69	90.67	164.43	91.14
89	166.62	89.22	166.36	89.70	166.10	90.18	165.83	90.67	165.57	91.15	165.30	91.63
190	167.50	89.69	167.24	90.17	166.98	90.66	166.71	91.15	166.44	91.63	166.18	92.11
91	168.38	90.16	168.12	90.65	167.85	91.14	167.59	91.63	167.32	92.11	167.05	92.60
92	169.26	90.63	169.00	91.12	168.73	91.62	168.47	92.10	168.20	92.59	167.93	93.08
93	170.14	91.10	169.88	91.60	169.61	92.09	169.34	92.58	169.07	93.08	168.80	93.57
94	171.03	91.58	170.76	92.07	170.49	92.57	170.22	93.06	169.95	93.56	169.68	94.05
95	171.91	92.05	171.64	92.55	171.37	93.05	171.10	93.54	170.83	94.04	170.55	94.54
96	172.79	92.52	172.52	93.02	172.25	93.53	171.98	94.02	171.70	94.52	171.43	95.02
97	173.67	92.99	173.40	93.50	173.13	94.00	172.85	94.50	172.58	95.01	172.30	95.51
98	174.55	93.46	174.28	93.97	174.01	94.48	173.73	94.98	173.45	95.49	173.17	95.99
99	175.43	93.94	175.16	94.45	174.88	94.96	174.61	95.46	174.33	95.97	174.05	96.48
200	176.32	94.41	176.04	94.92	175.76	95.43	175.48	95.94	175.21	96.45	174.92	96.96
01	177.20	94.88	176.92	95.39	176.64	95.91	176.36	96.42	176.08	96.93	175.80	97.45
02	178.08	95.35	177.80	95.87	177.52	96.39	177.24	96.90	176.96	97.42	176.67	97.93
03	178.96	95.82	178.68	96.34	178.40	96.87	178.12	97.38	177.83	97.90	177.55	98.42
04	179.84	96.30	179.56	96.82	179.28	97.34	178.99	97.86	178.71	98.38	178.42	98.90
05	180.72	96.77	180.44	97.29	180.16	97.82	179.87	98.34	179.59	98.86	179.30	99.39
06	181.61	97.24	181.32	97.77	181.04	98.30	180.75	98.82	180.46	99.36	180.17	99.87
07	182.49	97.71	182.20	98.24	181.91	98.77	181.63	99.30	181.34	99.83	181.05	100.36
08	183.37	98.18	183.08	98.72	182.79	99.25	182.50	99.78	182.21	100.31	181.92	100.84
09	184.25	98.66	183.96	99.19	183.67	99.73	183.38	100.26	183.09	100.79	182.80	101.33
210	185.13	99.13	184.84	99.67	184.55	100.21	184.26	100.74	183.97	101.28	183.67	101.81
11	186.01	99.60	185.72	100.14	185.43	100.68	185.14	101.22	184.84	101.76	184.54	102.29
12	186.89	100.07	186.60	100.62	186.31	101.16	186.01	101.70	185.72	102.24	185.42	102.78
13	187.78	100.54	187.48	101.09	187.19	101.64	186.89	102.18	186.59	102.72	186.29	103.26
14	188.66	101.02	188.36	101.56	188.07	102.11	187.77	102.66	187.47	103.20	187.17	103.75
15	189.54	101.49	189.24	102.04	188.95	102.59	188.65	103.14	188.35	103.69	188.04	104.23
16	190.42	101.96	190.12	102.51	189.82	103.07	189.52	103.62	189.22	104.17	188.92	104.72
17	191.30	102.43	191.00	102.99	190.70	103.55	190.40	104.10	190.10	104.65	189.79	105.20
18	192.18	102.90	191.88	103.46	191.58	104.02	191.28	104.58	190.97	105.13	190.67	105.69
19	193.07	103.38	192.76	103.94	192.46	104.50	192.16	105.06	191.86	105.62	191.54	106.17
220	193.95	103.85	193.64	104.41	193.34	104.98	193.03	105.54	192.73	106.10	192.42	106.66
21	194.83	104.32	194.52	104.89	194.22	105.45	193.91	106.02	193.60	106.58	193.29	107.14
22	195.71	104.79	195.40	105.36	195.10	105.98	194.79	106.50	194.48	107.06	194.17	107.63
23	196.59	105.26	196.28	105.84	195.98	106.41	195.67	106.98	195.35	107.54	195.04	108.11
24	197.47	105.74	197.16	106.31	196.85	106.89	196.54	107.46	196.23	108.03	195.91	108.60
25	198.36	106.21	198.05	106.79	197.73	107.36	197.42	107.94	197.11	108.51	196.79	109.08
26	199.24	106.68	198.93	107.26	198.61	107.84	198.30	108.42	197.98	108.99	197.66	109.57
27	200.12	107.15	199.81	107.73	199.49	108.32	199.18	108.89	198.86	109.47	198.54	110.05
28	201.00	107.62	200.69	108.21	200.37	108.79	200.05	109.37	199.73	109.96	199.41	110.54
29	201.88	108.10	201.57	108.68	201.25	109.27	200.93	109.85	200.61	110.44	200.29	111.02
230	202.76	108.57	202.45	109.16	202.13	109.75	201.81	110.33	201.49	110.92	201.16	111.51
31	203.64	109.04	203.33	109.63	203.01	110.23	202.69	110.81	202.36	111.40	202.04	111.99
32	204.53	109.51	204.21	110.11	203.89	110.70	203.56	111.29	203.24	111.89	202.91	112.48
33	205.41	109.98	205.09	110.58	204.76	111.18	204.44	111.77	204.11	112.37	203.79	112.96
34	206.29	110.46	205.97	111.06	205.64	111.66	205.32	112.25	204.99	112.85	204.66	113.45
35	207.17	110.93	206.85	111.53	206.52	112.13	206.19	112.73	205.87	113.33	205.54	113.93
36	208.05	111.40	207.73	112.01	207.40	112.61	207.07	113.21	206.74	113.81	206.41	114.41
37	208.93	111.87	208.61	112.48	208.28	113.09	207.95	113.69	207.62	114.30	207.28	114.89
38	209.82	112.35	209.49	112.95	209.16	113.57	208.83	114.17	208.49	114.78	208.16	115.38
39	210.70	112.82	210.37	113.43	210.04	114.04	209.70	114.65	209.37	115.26	209.03	115.87
240	211.58	113.29	211.25	113.90	210.92	114.52	210.58	115.13	210.25	115.74	209.91	116.35

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	212.46	113.76	212.13	114.38	211.79	115.00	211.46	115.61	211.12	116.23	210.78	116.84
42	213.34	114.23	213.01	114.85	212.67	115.47	212.34	116.09	212.00	116.71	211.66	117.32
43	214.22	114.71	213.89	115.33	213.55	115.95	213.21	116.57	212.87	117.19	212.53	117.81
44	215.11	115.18	214.77	115.80	214.43	116.43	214.09	117.05	213.75	117.67	213.41	118.29
45	215.99	115.65	215.65	116.28	215.31	116.91	214.97	117.53	214.63	118.15	214.28	118.78
46	216.87	116.12	216.53	116.75	216.19	117.38	215.85	118.01	215.50	118.64	215.16	119.26
47	217.75	116.59	217.41	117.23	217.07	117.86	216.72	118.49	216.38	119.12	216.03	119.75
48	218.63	117.07	218.29	117.70	217.95	118.34	217.60	118.97	217.25	119.60	216.91	120.23
49	219.51	117.54	219.17	118.18	218.83	118.80	218.48	119.45	218.13	120.08	217.78	120.72
250	220.40	118.01	220.05	118.65	219.70	119.29	219.36	119.93	219.01	120.57	218.66	121.20
51	221.28	118.48	220.93	119.12	220.58	119.77	220.23	120.41	219.88	121.05	219.53	121.69
52	222.16	118.95	221.81	119.60	221.46	120.25	221.11	120.89	220.76	121.53	220.40	122.17
53	223.04	119.43	222.69	120.07	222.34	120.72	221.99	121.37	221.63	122.01	221.28	122.66
54	223.92	119.90	223.57	120.55	223.22	121.20	222.87	121.85	222.51	122.49	222.15	123.14
55	224.80	120.37	224.45	121.02	224.10	121.68	223.74	122.33	223.39	122.98	223.03	123.63
56	225.68	120.84	225.33	121.50	224.98	122.16	224.62	122.81	224.26	123.46	223.90	124.11
57	226.57	121.31	226.21	121.97	225.86	122.63	225.50	123.29	225.14	123.94	224.78	124.60
58	227.45	121.79	227.09	122.45	226.73	123.11	226.38	123.77	226.01	124.42	225.65	125.08
59	228.33	122.26	227.97	122.92	227.61	123.59	227.25	124.25	226.89	124.91	226.53	125.57
260	229.21	122.73	228.85	123.40	228.49	124.06	228.13	124.73	227.77	125.39	227.40	126.05
61	230.09	123.20	229.73	123.87	229.37	124.54	229.01	125.21	228.64	125.87	228.28	126.54
62	230.97	123.67	230.61	124.35	230.25	125.02	229.89	125.68	229.52	126.35	229.15	127.02
63	231.86	124.15	231.49	124.82	231.13	125.50	230.76	126.16	230.39	126.84	230.03	127.50
64	232.74	124.62	232.37	125.29	232.01	125.97	231.64	126.64	231.27	127.32	230.90	127.99
65	233.62	125.09	233.25	125.77	232.89	126.45	232.52	127.12	232.15	127.80	231.77	128.47
66	234.50	125.56	234.13	126.24	233.77	126.93	233.39	127.60	233.02	128.28	232.65	128.96
67	235.38	126.03	235.01	126.72	234.64	127.40	234.27	128.08	233.90	128.76	233.52	129.44
68	236.26	126.51	235.89	127.19	235.52	127.88	235.15	128.56	234.77	129.25	234.40	129.93
69	237.15	126.98	236.77	127.67	236.40	128.36	236.03	129.04	235.65	129.73	235.27	130.41
270	238.03	127.45	237.65	128.14	237.28	128.84	236.90	129.52	236.53	130.21	236.15	130.90
71	238.91	127.92	238.53	128.62	238.16	129.31	237.78	130.00	237.40	130.69	237.02	131.38
72	239.79	128.39	239.41	129.09	239.04	129.79	238.66	130.48	238.28	131.18	237.90	131.87
73	240.67	128.87	240.29	129.57	239.92	130.27	239.54	130.96	239.16	131.66	238.77	132.35
74	241.55	129.34	241.17	130.04	240.80	130.74	240.41	131.44	240.03	132.14	239.65	132.84
75	242.43	129.81	242.06	130.52	241.67	131.22	241.28	131.92	240.91	132.62	240.52	133.32
76	243.32	130.28	242.94	130.99	242.55	131.70	242.17	132.40	241.78	133.10	241.40	133.81
77	244.20	130.75	243.82	131.46	243.43	132.18	243.05	132.88	242.66	133.59	242.27	134.29
78	245.08	131.23	244.70	131.94	244.31	132.65	243.92	133.36	243.54	134.07	243.14	134.78
79	245.96	131.70	245.58	132.41	245.19	133.13	244.80	133.84	244.41	134.55	244.02	135.26
280	246.84	132.17	246.46	132.89	246.07	133.61	245.68	134.32	245.29	135.03	244.89	135.75
81	247.72	132.64	247.34	133.36	246.95	134.08	246.56	134.80	246.16	135.52	245.77	136.23
82	248.61	133.11	248.22	133.84	247.82	134.56	247.43	135.28	247.04	136.00	246.64	136.72
83	249.49	133.59	249.10	134.31	248.70	135.04	248.31	135.76	247.92	136.48	247.52	137.20
84	250.37	134.06	249.98	134.79	249.58	135.52	249.19	136.24	248.79	136.96	248.39	137.69
85	251.25	134.53	250.86	135.26	250.46	135.99	250.07	136.72	249.67	137.44	249.27	138.17
86	252.13	135.00	251.74	135.74	251.34	136.47	250.94	137.20	250.54	137.93	250.14	138.66
87	253.01	135.47	252.62	136.21	252.22	136.95	251.82	137.68	251.42	138.41	251.02	139.14
88	253.90	135.95	253.50	136.68	253.10	137.42	252.70	138.16	252.30	138.89	251.89	139.62
89	254.78	136.42	254.38	137.16	253.98	137.90	253.58	138.64	253.17	139.37	252.77	140.11
290	255.66	136.89	255.26	137.63	254.86	138.38	254.45	139.12	254.05	139.86	253.64	140.59
91	256.54	137.36	256.14	138.11	255.74	138.86	255.33	139.60	254.92	140.34	254.51	141.08
92	257.42	137.84	257.02	138.58	256.61	139.33	256.21	140.08	255.80	140.82	255.39	141.56
93	258.30	138.31	257.90	139.06	257.49	139.81	257.09	140.56	256.68	141.30	256.26	142.05
94	259.18	138.78	258.78	139.53	258.37	140.29	257.96	141.04	257.55	141.79	257.14	142.53
95	260.07	139.25	259.66	140.01	259.25	140.76	258.84	141.52	258.43	142.27	258.01	143.02
96	260.95	139.72	260.54	140.48	260.13	141.24	259.72	142.00	259.30	142.75	258.89	143.50
97	261.83	140.19	261.42	140.96	261.01	141.72	260.59	142.48	260.18	143.23	259.76	143.99
98	262.71	140.67	262.30	141.43	261.89	142.20	261.47	142.95	261.06	143.71	260.64	144.47
99	263.59	141.14	263.18	141.91	262.77	142.67	262.35	143.43	261.93	144.20	261.51	144.96
300	264.47	141.61	264.06	142.38	263.64	143.15	263.23	143.91	262.81	144.68	262.39	145.44

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.87	0.49	0.87	0.49	0.87	0.49	0.87	0.49	0.87	0.50	0.87	0.50
2	1.75	0.97	1.74	0.98	1.74	0.98	1.74	0.99	1.73	0.99	1.73	1.00
3	2.62	1.46	2.62	1.47	2.61	1.48	2.61	1.48	2.60	1.49	2.60	1.50
4	3.49	1.95	3.49	1.96	3.48	1.97	3.48	1.98	3.47	1.99	3.46	2.00
5	4.37	2.44	4.36	2.45	4.35	2.46	4.34	2.47	4.34	2.49	4.33	2.50
6	5.24	2.92	5.23	2.94	5.22	2.95	5.21	2.97	5.20	2.98	5.20	3.00
7	6.11	3.41	6.10	3.43	6.09	3.45	6.08	3.46	6.07	3.48	6.06	3.50
8	6.99	3.90	6.97	3.92	6.96	3.94	6.95	3.96	6.94	3.98	6.93	4.00
9	7.86	4.39	7.85	4.41	7.83	4.43	7.82	4.45	7.81	4.48	7.79	4.50
10	8.73	4.87	8.72	4.90	8.70	4.92	8.69	4.95	8.67	4.97	8.66	5.00
11	9.61	5.36	9.59	5.39	9.57	5.42	9.56	5.44	9.54	5.47	9.53	5.50
12	10.48	5.85	10.46	5.88	10.44	5.91	10.43	5.94	10.41	5.97	10.39	6.00
13	11.35	6.34	11.33	6.37	11.31	6.40	11.30	6.43	11.28	6.47	11.26	6.50
14	12.22	6.82	12.20	6.86	12.18	6.89	12.16	6.93	12.14	6.96	12.12	7.00
15	13.10	7.31	13.08	7.35	13.06	7.39	13.03	7.42	13.01	7.46	12.99	7.50
16	13.97	7.80	13.95	7.84	13.93	7.88	13.90	7.92	13.88	7.96	13.86	8.00
17	14.84	8.28	14.82	8.33	14.80	8.37	14.77	8.41	14.75	8.46	14.72	8.50
18	15.72	8.77	15.69	8.82	15.67	8.86	15.64	8.91	15.61	8.95	15.59	9.00
19	16.59	9.26	16.56	9.31	16.54	9.36	16.51	9.40	16.48	9.45	16.45	9.50
20	17.46	9.75	17.44	9.80	17.41	9.85	17.38	9.90	17.35	9.95	17.32	10.00
21	18.34	10.23	18.31	10.29	18.28	10.34	18.25	10.39	18.22	10.44	18.19	10.50
22	19.21	10.72	19.18	10.78	19.15	10.83	19.12	10.89	19.08	10.94	19.05	11.00
23	20.08	11.21	20.05	11.27	20.02	11.33	19.99	11.38	19.95	11.44	19.92	11.50
24	20.96	11.70	20.92	11.76	20.89	11.82	20.85	11.88	20.82	11.94	20.78	12.00
25	21.83	12.18	21.79	12.25	21.76	12.31	21.72	12.37	21.69	12.44	21.65	12.50
26	22.70	12.67	22.67	12.74	22.63	12.80	22.59	12.87	22.55	12.93	22.52	13.00
27	23.58	13.16	23.54	13.23	23.50	13.30	23.46	13.36	23.42	13.43	23.38	13.50
28	24.45	13.65	24.41	13.72	24.37	13.79	24.33	13.86	24.29	13.93	24.25	14.00
29	25.32	14.13	25.28	14.21	25.24	14.28	25.20	14.35	25.16	14.43	25.11	14.50
30	26.20	14.62	26.15	14.70	26.11	14.77	26.07	14.85	26.02	14.92	25.98	15.00
31	27.07	15.11	27.03	15.19	26.98	15.27	26.94	15.34	26.89	15.42	26.85	15.50
32	27.94	15.60	27.90	15.68	27.85	15.76	27.81	15.84	27.76	15.92	27.71	16.00
33	28.82	16.08	28.77	16.17	28.72	16.25	28.67	16.33	28.63	16.42	28.58	16.50
34	29.69	16.57	29.64	16.66	29.59	16.74	29.54	16.83	29.49	16.91	29.44	17.00
35	30.56	17.06	30.51	17.15	30.46	17.23	30.41	17.32	30.36	17.41	30.31	17.50
36	31.44	17.54	31.38	17.64	31.33	17.73	31.28	17.82	31.23	17.91	31.18	18.00
37	32.31	18.03	32.26	18.13	32.20	18.22	32.15	18.31	32.10	18.41	32.04	18.50
38	33.18	18.52	33.13	18.62	33.07	18.71	33.02	18.81	32.96	18.90	32.91	19.00
39	34.06	19.01	34.00	19.11	33.94	19.20	33.89	19.30	33.83	19.40	33.78	19.50
40	34.93	19.49	34.87	19.60	34.81	19.70	34.76	19.80	34.70	19.90	34.64	20.00
41	35.80	19.98	35.74	20.09	35.68	20.19	35.63	20.29	35.57	20.40	35.51	20.50
42	36.67	20.47	36.61	20.58	36.55	20.68	36.49	20.79	36.43	20.89	36.37	21.00
43	37.55	20.96	37.49	21.07	37.43	21.17	37.36	21.28	37.30	21.39	37.24	21.50
44	38.42	21.44	38.36	21.56	38.30	21.67	38.23	21.78	38.17	21.89	38.11	22.00
45	39.29	21.93	39.23	22.05	39.17	22.16	39.10	22.27	39.04	22.39	38.97	22.50
46	40.17	22.42	40.10	22.53	40.04	22.65	39.97	22.77	39.90	22.88	39.84	23.00
47	41.04	22.91	40.97	23.02	40.91	23.14	40.84	23.26	40.77	23.38	40.70	23.50
48	41.91	23.39	41.85	23.51	41.78	23.64	41.71	23.76	41.64	23.88	41.57	24.00
49	42.79	23.88	42.72	24.00	42.65	24.13	42.58	24.25	42.51	24.38	42.44	24.50
50	43.66	24.37	43.59	24.49	43.52	24.62	43.45	24.75	43.37	24.87	43.30	25.00
51	44.53	24.85	44.46	24.98	44.39	25.11	44.31	25.24	44.24	25.37	44.17	25.50
52	45.41	25.34	45.33	25.47	45.26	25.61	45.18	25.74	45.11	25.87	45.03	26.00
53	46.28	25.83	46.20	25.96	46.13	26.10	46.05	26.23	45.98	26.37	45.90	26.50
54	47.15	26.32	47.08	26.45	47.00	26.59	46.92	26.73	46.84	26.86	46.77	27.00
55	48.03	26.80	47.95	26.94	47.87	27.08	47.79	27.22	47.71	27.36	47.63	27.50
56	48.90	27.29	48.82	27.43	48.74	27.58	48.66	27.72	48.58	27.86	48.50	28.00
57	49.77	27.78	49.69	27.92	49.61	28.07	49.53	28.21	49.45	28.36	49.36	28.50
58	50.65	28.27	50.56	28.41	50.48	28.56	50.40	28.71	50.31	28.85	50.23	29.00
59	51.52	28.75	51.44	28.90	51.35	29.05	51.27	29.20	51.18	29.35	51.10	29.50
60	52.39	29.24	52.31	29.39	52.22	29.53	52.14	29.70	52.05	29.85	51.96	30.00
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	53.27	29.73	53.18	29.89	53.09	30.04	53.00	30.19	52.92	30.35	52.83	30.50
62	54.14	30.22	54.05	30.37	53.96	30.53	53.87	30.69	53.78	30.84	53.69	31.00
63	55.01	30.70	54.92	30.86	54.83	31.02	54.74	31.18	54.65	31.34	54.56	31.50
64	55.89	31.19	55.79	31.35	55.70	31.52	55.61	31.68	55.52	31.84	55.43	32.00
65	56.76	31.68	56.67	31.84	56.57	32.01	56.48	32.17	56.39	32.34	56.29	32.50
66	57.63	32.17	57.54	32.33	57.44	32.50	57.35	32.67	57.25	32.83	57.16	33.00
67	58.50	32.65	58.41	32.82	58.31	32.99	58.22	33.16	58.12	33.33	58.02	33.50
68	59.38	33.14	59.28	33.31	59.18	33.48	59.09	33.66	58.99	33.83	58.89	34.00
69	60.25	33.63	60.15	33.80	60.05	33.98	59.96	34.15	59.86	34.33	59.76	34.50
70	61.12	34.11	61.02	34.29	60.92	34.47	60.82	34.65	60.72	34.82	60.62	35.00
71	62.00	34.60	61.90	34.78	61.80	34.96	61.69	35.14	61.59	35.32	61.49	35.50
72	62.87	35.09	62.77	35.27	62.67	35.45	62.56	35.64	62.46	35.82	62.35	36.00
73	63.74	35.58	63.64	35.76	63.54	35.95	63.43	36.13	63.33	36.32	63.22	36.50
74	64.62	36.06	64.51	36.25	64.41	36.44	64.30	36.63	64.19	36.81	64.09	37.00
75	65.49	36.55	65.38	36.74	65.28	36.93	65.17	37.12	65.06	37.31	64.95	37.50
76	66.36	37.04	66.26	37.23	66.15	37.42	66.04	37.62	65.93	37.81	65.82	38.00
77	67.24	37.53	67.13	37.72	67.02	37.92	66.91	38.11	66.80	38.31	66.68	38.50
78	68.11	38.01	68.00	38.21	67.89	38.41	67.78	38.61	67.66	38.80	67.55	39.00
79	68.98	38.50	68.87	38.70	68.76	38.90	68.64	39.10	68.53	39.30	68.42	39.50
80	69.86	38.99	69.74	39.19	69.63	39.39	69.51	39.60	69.40	39.80	69.28	40.00
81	70.73	39.48	70.61	39.68	70.50	39.89	70.38	40.09	70.27	40.30	70.15	40.50
82	71.60	39.96	71.49	40.17	71.37	40.38	71.25	40.59	71.13	40.79	71.01	41.00
83	72.48	40.45	72.36	40.66	72.24	40.87	72.12	41.08	72.00	41.29	71.88	41.50
84	73.35	40.94	73.23	41.15	73.11	41.36	72.99	41.58	72.87	41.79	72.75	42.00
85	74.22	41.42	74.10	41.64	73.98	41.86	73.86	42.07	73.74	42.29	73.61	42.50
86	75.10	41.91	74.97	42.13	74.85	42.35	74.73	42.57	74.60	42.78	74.48	43.00
87	75.97	42.40	75.85	42.62	75.72	42.84	75.60	43.06	75.47	43.28	75.35	43.50
88	76.84	42.89	76.72	43.11	76.59	43.33	76.46	43.56	76.34	43.78	76.21	44.00
89	77.72	43.37	77.59	43.60	77.46	43.83	77.33	44.05	77.21	44.28	77.08	44.50
90	78.59	43.86	78.46	44.09	78.33	44.32	78.20	44.55	78.07	44.77	77.94	45.00
91	79.46	44.35	79.33	44.58	79.20	44.81	79.07	45.04	78.94	45.27	78.81	45.50
92	80.33	44.84	80.20	45.07	80.07	45.30	79.94	45.54	79.81	45.77	79.68	46.00
93	81.21	45.32	81.08	45.56	80.94	45.80	80.81	46.03	80.68	46.27	80.54	46.50
94	82.08	45.81	81.95	46.05	81.81	46.29	81.68	46.53	81.54	46.76	81.41	47.00
95	82.95	46.30	82.82	46.54	82.68	46.78	82.55	47.02	82.41	47.26	82.27	47.50
96	83.83	46.79	83.69	47.03	83.55	47.27	83.42	47.52	83.28	47.76	83.14	48.00
97	84.70	47.27	84.56	47.52	84.42	47.77	84.29	48.01	84.15	48.26	84.00	48.50
98	85.57	47.76	85.43	48.01	85.29	48.26	85.15	48.51	85.01	48.75	84.87	49.00
99	86.45	48.25	86.31	48.50	86.17	48.75	86.02	49.00	85.88	49.25	85.74	49.50
100	87.32	48.74	87.18	48.99	87.04	49.24	86.89	49.50	86.75	49.75	86.60	50.00
01	88.19	49.22	88.05	49.48	87.91	49.73	87.76	49.99	87.62	50.25	87.47	50.50
02	89.07	49.71	88.92	49.97	88.78	50.23	88.63	50.48	88.48	50.74	88.33	51.00
03	89.94	50.20	89.79	50.46	89.65	50.72	89.50	50.98	89.35	51.24	89.20	51.50
04	90.81	50.68	90.67	50.95	90.52	51.21	90.37	51.47	90.22	51.74	90.07	52.00
05	91.69	51.17	91.54	51.44	91.39	51.70	91.24	51.97	91.09	52.24	90.93	52.50
06	92.56	51.66	92.41	51.93	92.26	52.20	92.11	52.46	91.95	52.73	91.80	53.00
07	93.43	52.15	93.28	52.42	93.13	52.69	92.97	52.96	92.82	53.23	92.66	53.50
08	94.31	52.63	94.15	52.91	94.00	53.18	93.84	53.45	93.69	53.73	93.53	54.00
09	95.18	53.12	95.02	53.40	94.87	53.67	94.71	53.95	94.56	54.23	94.40	54.50
110	96.05	53.61	95.90	53.89	95.74	54.17	95.58	54.44	95.42	54.72	95.26	55.00
11	96.93	54.10	96.77	54.38	96.61	54.66	96.45	54.94	96.29	55.22	96.13	55.50
12	97.80	54.58	97.64	54.87	97.48	55.15	97.32	55.43	97.16	55.72	96.99	56.00
13	98.67	55.07	98.51	55.36	98.35	55.64	98.19	55.93	98.03	56.22	97.86	56.50
14	99.55	55.56	99.38	55.85	99.22	56.14	99.06	56.42	98.89	56.71	98.73	57.00
15	100.42	56.05	100.26	56.34	100.09	56.63	99.93	56.92	99.76	57.21	99.59	57.50
16	101.29	56.53	101.13	56.83	100.96	57.12	100.79	57.41	100.63	57.71	100.46	58.00
17	102.17	57.02	102.00	57.32	101.83	57.61	101.66	57.91	101.49	58.20	101.33	58.50
18	103.04	57.51	102.87	57.81	102.70	58.11	102.53	58.40	102.36	58.70	102.19	59.00
19	103.91	57.99	103.74	58.30	103.57	58.60	103.40	58.90	103.23	59.20	103.06	59.50
120	104.78	58.48	104.61	58.79	104.44	59.09	104.27	59.39	104.10	59.70	103.92	60.00

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	105.66	58.97	105.49	59.28	105.31	59.58	105.14	59.89	104.96	60.19	104.79	60.50
22	106.53	59.46	106.36	59.77	106.18	60.08	106.01	60.38	105.83	60.69	105.66	61.00
23	107.40	59.94	107.23	60.26	107.05	60.57	106.88	60.88	106.70	61.19	106.52	61.50
24	108.28	60.43	108.10	60.75	107.92	61.06	107.75	61.37	107.57	61.69	107.39	62.00
25	109.15	60.92	108.97	61.24	108.79	61.55	108.62	61.87	108.43	62.18	108.25	62.50
26	110.02	61.41	109.84	61.73	109.66	62.05	109.48	62.36	109.30	62.68	109.12	63.00
27	110.90	61.89	110.72	62.22	110.54	62.54	110.35	62.86	110.17	63.18	109.99	63.50
28	111.77	62.38	111.59	62.71	111.41	63.03	111.22	63.35	111.04	63.68	110.85	64.00
29	112.64	62.87	112.46	63.20	112.28	63.52	112.09	63.85	111.90	64.17	111.72	64.50
30	113.52	63.36	113.33	63.69	113.15	64.02	112.96	64.34	112.77	64.67	112.58	65.00
31	114.39	63.84	114.20	64.18	114.02	64.51	113.83	64.84	113.64	65.17	113.45	65.50
32	115.26	64.33	115.08	64.67	114.89	65.00	114.70	65.33	114.51	65.67	114.32	66.00
33	116.14	64.82	115.95	65.16	115.76	65.49	115.57	65.83	115.37	66.16	115.18	66.50
34	117.01	65.30	116.82	65.65	116.63	65.98	116.44	66.32	116.24	66.66	116.05	67.00
35	117.88	65.79	117.69	66.14	117.50	66.48	117.30	66.82	117.11	67.16	116.91	67.50
36	118.76	66.28	118.56	66.62	118.37	66.97	118.17	67.31	117.98	67.66	117.78	68.00
37	119.63	66.77	119.43	67.11	119.24	67.46	119.04	67.81	118.84	68.15	118.65	68.50
38	120.50	67.25	120.31	67.60	120.11	67.95	119.91	68.30	119.71	68.65	119.51	69.00
39	121.38	67.74	121.18	68.09	120.98	68.45	120.78	68.80	120.58	69.15	120.38	69.50
140	122.25	68.23	122.05	68.58	121.85	68.94	121.65	69.29	121.45	69.65	121.24	70.00
41	123.12	68.72	122.92	69.07	122.72	69.43	122.52	69.79	122.31	70.14	122.11	70.50
42	124.00	69.20	123.79	69.56	123.59	69.92	123.39	70.28	123.18	70.64	122.98	71.00
43	124.87	69.69	124.67	70.05	124.46	70.42	124.26	70.78	124.05	71.14	123.84	71.50
44	125.74	70.18	125.54	70.54	125.33	70.91	125.12	71.27	124.92	71.64	124.71	72.00
45	126.61	70.67	126.41	71.03	126.20	71.40	125.99	71.77	125.78	72.13	125.57	72.50
46	127.49	71.15	127.28	71.52	127.07	71.89	126.86	72.26	126.65	72.63	126.44	73.00
47	128.36	71.64	128.15	72.01	127.94	72.39	127.73	72.76	127.52	73.13	127.31	73.50
48	129.23	72.13	129.02	72.50	128.81	72.88	128.60	73.25	128.39	73.63	128.17	74.00
49	130.11	72.62	129.90	72.99	129.68	73.37	129.47	73.75	129.25	74.12	129.04	74.50
150	130.98	73.10	130.77	73.48	130.55	73.86	130.34	74.24	130.12	74.62	129.90	75.00
51	131.85	73.59	131.64	73.97	131.42	74.36	131.21	74.74	130.99	75.12	130.77	75.50
52	132.73	74.08	132.51	74.46	132.29	74.85	132.08	75.23	131.86	75.62	131.64	76.00
53	133.60	74.56	133.38	74.95	133.16	75.34	132.94	75.73	132.72	76.11	132.50	76.50
54	134.47	75.05	134.25	75.44	134.03	75.83	133.81	76.22	133.59	76.61	133.37	77.00
55	135.35	75.54	135.13	75.93	134.91	76.33	134.68	76.72	134.46	77.11	134.23	77.50
56	136.22	76.03	136.00	76.42	135.78	76.82	135.55	77.21	135.33	77.61	135.10	78.00
57	137.09	76.51	136.87	76.91	136.65	77.3	136.42	77.71	136.19	78.10	135.97	78.50
58	137.97	77.00	137.74	77.40	137.52	77.80	137.29	78.20	137.06	78.60	136.83	79.00
59	138.84	77.49	138.61	77.89	138.39	78.30	138.16	78.70	137.93	79.10	137.70	79.50
160	139.71	77.98	139.49	78.38	139.26	78.79	139.03	79.19	138.80	79.60	138.56	80.00
61	140.59	78.46	140.36	78.87	140.13	79.28	139.90	79.69	139.66	80.09	139.43	80.50
62	141.46	78.95	141.23	79.36	141.00	79.77	140.77	80.18	140.53	80.59	140.30	81.00
63	142.33	79.44	142.10	79.85	141.87	80.27	141.63	80.68	141.40	81.09	141.16	81.50
64	143.21	79.93	142.97	80.34	142.74	80.76	142.50	81.17	142.27	81.59	142.03	82.00
65	144.08	80.41	143.84	80.83	143.61	81.25	143.37	81.67	143.13	82.08	142.89	82.50
66	144.95	80.90	144.72	81.32	144.48	81.74	144.24	82.16	144.00	82.58	143.76	83.00
67	145.83	81.39	145.59	81.81	145.35	82.23	145.11	82.66	144.87	83.08	144.63	83.50
68	146.70	81.87	146.46	82.30	146.22	82.73	145.98	83.15	145.74	83.58	145.49	84.00
69	147.57	82.36	147.33	82.79	147.09	83.22	146.85	83.65	146.60	84.07	146.36	84.50
170	148.45	82.85	148.20	83.28	147.96	83.71	147.72	84.14	147.47	84.57	147.22	85.00
71	149.32	83.34	49.08	83.77	148.83	84.20	148.59	84.64	148.34	85.07	148.09	85.50
72	150.19	83.82	149.95	84.26	149.70	84.70	149.45	85.13	149.21	85.57	148.96	86.00
73	151.06	84.31	150.82	84.75	150.57	85.19	150.32	85.63	150.07	86.06	149.82	86.50
74	151.94	84.80	151.69	85.24	151.44	85.68	151.19	86.12	150.94	86.56	150.69	87.00
75	152.81	85.29	152.56	85.73	152.31	86.17	152.06	86.62	151.81	87.06	151.55	87.50
76	153.68	85.77	153.43	86.22	153.18	86.67	152.93	87.11	152.68	87.56	152.42	88.00
77	154.56	86.26	154.31	86.71	154.05	87.16	153.80	87.61	153.54	88.05	153.29	88.50
78	155.43	86.75	156.18	87.20	154.92	87.65	154.67	88.10	154.41	88.55	154.15	89.00
79	156.30	87.24	156.05	87.69	155.79	88.14	155.54	88.60	155.28	89.05	155.02	89.50
180	157.18	87.72	156.92	88.18	156.66	88.64	156.41	89.09	156.15	89.55	155.88	90.00

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	158.05	88.21	157.79	88.67	157.53	89.13	157.27	89.59	157.01	90.04	156.75	90.50
82	158.92	88.70	158.66	89.16	158.40	89.62	158.14	90.08	157.88	90.54	157.62	91.00
83	159.80	89.19	159.54	89.65	159.28	90.11	159.01	90.58	158.75	91.04	158.48	91.50
84	160.67	89.67	160.41	90.14	160.15	90.61	159.88	91.07	159.62	91.54	159.35	92.00
85	161.54	90.16	161.28	90.63	161.02	91.10	160.75	91.57	160.48	92.03	160.21	92.50
86	162.42	90.65	162.15	91.12	161.89	91.59	161.62	92.06	161.35	92.53	161.08	93.00
87	163.29	91.13	163.02	91.61	162.76	92.08	162.49	92.56	162.22	93.03	161.95	93.50
88	164.16	91.62	163.90	92.10	163.63	92.58	163.36	93.05	163.09	93.53	162.81	94.00
89	165.04	92.11	164.71	92.59	164.30	93.07	164.23	93.55	163.95	94.02	163.68	94.50
190	165.91	92.60	165.64	93.08	165.37	93.56	165.09	94.04	164.82	94.52	164.54	95.00
91	166.78	93.08	166.51	93.57	166.24	94.05	165.96	94.54	165.69	95.02	165.41	95.50
92	167.66	93.57	167.38	94.06	167.11	94.55	166.83	95.03	166.56	95.52	166.28	96.00
93	168.53	94.06	168.25	94.55	167.98	95.04	167.70	95.53	167.42	96.01	167.14	96.50
94	169.40	94.55	169.13	95.04	168.85	95.53	168.57	96.02	168.29	96.51	168.01	97.00
95	170.28	95.03	170.00	95.53	169.72	96.02	169.44	96.52	169.16	97.01	168.88	97.50
96	171.15	95.52	170.87	96.02	170.59	96.52	170.31	97.01	170.03	97.51	169.74	98.00
97	172.02	96.01	171.74	96.51	171.46	97.01	171.18	97.51	170.89	98.00	170.61	98.50
98	172.89	96.50	172.61	97.00	172.33	97.50	172.05	98.00	171.76	98.50	171.47	99.00
99	173.77	96.98	173.49	97.49	173.20	97.99	172.92	98.50	172.63	99.00	172.34	99.50
200	174.64	97.47	174.36	97.98	174.07	98.48	173.78	98.99	173.50	99.50	173.21	100.00
01	175.51	97.96	175.23	98.47	174.94	98.98	174.65	99.49	174.36	99.99	174.07	100.50
02	176.39	98.44	176.10	98.96	175.81	99.47	175.52	99.98	175.23	100.49	174.94	101.00
03	177.26	98.93	176.97	99.45	176.68	99.96	176.39	100.48	176.10	100.99	175.80	101.50
04	178.13	99.42	177.84	99.94	177.55	100.45	177.26	100.97	176.97	101.49	176.67	102.00
05	179.01	99.91	178.72	100.43	178.42	100.95	178.13	101.47	177.83	101.98	177.54	102.50
06	179.88	100.39	179.59	100.92	179.29	101.44	179.00	101.96	178.70	102.48	178.40	103.00
07	180.75	100.88	180.46	101.41	180.16	101.93	179.87	102.46	179.57	102.98	179.27	103.50
08	181.63	101.37	181.33	101.90	181.03	102.42	180.74	102.95	180.44	103.48	180.13	104.00
09	182.50	101.86	182.20	102.39	181.90	102.92	181.60	103.45	181.30	103.97	181.00	104.50
210	183.37	102.34	183.07	102.88	182.77	103.41	182.47	103.94	182.17	104.47	181.87	105.00
11	184.25	102.83	183.95	103.37	183.65	103.90	183.34	104.44	183.04	104.97	182.73	105.50
12	185.12	103.32	184.82	103.86	184.52	104.39	184.21	104.93	183.91	105.47	183.60	106.00
13	185.99	103.81	185.69	104.35	185.39	104.89	185.08	105.42	184.77	105.96	184.46	106.50
14	186.87	104.29	186.56	104.84	186.26	105.38	185.95	105.92	185.64	106.46	185.33	107.00
15	187.74	104.78	187.43	105.33	187.13	105.87	186.82	106.41	186.51	106.96	186.20	107.50
16	188.61	105.27	188.31	105.82	188.00	106.36	187.69	106 91	187.38	107.46	187.06	108.00
17	189.49	105.75	189.18	106.31	188.87	106.86	188.56	107.40	188.24	107.95	187.93	108.50
18	190.36	106.24	190.05	106.80	189.74	107.35	189.42	107.90	189.11	108.45	188.79	109.00
19	191.23	106.73	190.92	107.29	190.61	107.84	190.29	108.39	189.98	108.95	189.66	109.50
220	192.11	107.22	191.79	107.78	191.48	108.33	191.16	108.89	190.85	109.45	190.53	110.00
21	193.98	107.70	192.66	108.27	192.35	108.83	192.03	109.38	191.71	109.94	191.39	110.50
22	193.85	108.19	193.54	108.76	193.22	109.32	192.90	109.88	192.58	110.44	192.26	111.00
23	194.72	108.68	194.41	109.25	194.09	109.81	193.77	110.37	193.45	110.94	193.12	111.50
24	195.60	109.17	195.28	109.74	194.96	110.30	194.64	110.87	194.32	111.44	193.99	112.00
25	196.47	109.65	196.15	110.23	195.83	110.80	195.51	111.36	195.18	111.93	194.86	112.50
26	197.34	110.14	197.02	110.71	196.70	111.29	196.38	111.86	196.05	112.43	195.72	113.00
27	198.22	110.63	197.89	111.20	197.57	111.78	197.24	112.35	196.92	112.92	196.59	113.50
28	199 09	111.12	198.77	111.69	198.44	112.27	198.11	112.85	197.78	113.42	197.45	114.00
29	199.96	111.60	199.64	112.18	199.31	112.77	198.98	113.34	198.65	113.92	198.32	114.50
230	200.84	112.09	200.51	112.67	200.18	113.26	199.85	113.84	199.52	114.42	199.19	115.00
31	201.71	112.58	201.38	113.16	201.05	113.75	200.75	114.33	200.39	114.92	200.05	115.50
32	202.58	113.07	202.25	113.65	201.92	114.24	201.59	114.83	201.25	115.41	200.92	116.00
33	203.46	113.55	203.13	114.14	202.79	114.73	202.46	115.32	202.12	115.91	201.78	116.50
34	204.33	114.04	204.00	114.63	203.66	115.23	203.33	115.82	202.99	116.41	202.65	117.00
35	205.20	114.53	204.87	115.12	204.53	115.72	204.20	116.31	203.86	116.91	203.52	117.50
36	206.08	115.01	205.74	115.61	205.40	116.21	205.07	116.81	204.72	117.40	204.38	118.00
37	206.95	115.50	206.61	116.10	206.27	116.70	205.93	117.30	205.59	117.90	205.25	118.50
38	207.82	115.99	207.48	116.59	207.14	117.20	206.80	117.80	206.46	118.40	206.11	119.00
39	208.70	116.48	208.36	117.08	208.01	117.69	207.67	118.29	207.33	118.90	206.98	119.50
240	209.57	116.96	209.23	117.57	208.89	118.18	208.54	118.79	208.19	119.39	207.85	120.00

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dis.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	210.44	117.45	210.10	118.06	209.75	118.67	209.41	119.28	209.06	119.89	208.71	120.50
42	211.32	117.94	210.97	118.55	210.63	119.17	210.28	119.78	209.93	120.39	209.58	121.00
43	212.19	118.43	211.84	119.04	211.50	119.66	211.15	120.27	210.80	120.89	210.44	121.50
44	213.06	118.91	212.72	119.53	212.37	120.15	212.02	120.77	211.66	121.38	211.31	122.00
45	213.94	119.40	213.59	120.02	213.24	120.64	212.89	121.26	212.53	121.88	212.18	122.50
46	214.81	119.89	214.46	120.51	214.11	121.14	213.75	121.76	213.40	122.38	213.04	123.00
47	215.68	120.38	215.33	121.00	214.99	121.63	214.62	122.25	214.27	122.88	213.91	123.50
48	216.56	120.86	216.20	121.49	215.85	122.12	215.49	122.75	215.13	123.37	214.77	124.00
49	217.43	121.35	217.07	121.98	216.72	122.61	216.36	123.24	216.00	123.87	215.64	124.50
250	218.30	121.84	217.95	122.47	217.59	123.11	217.23	123.74	216.87	124.37	216.51	125.00
51	219.17	122.32	218.82	122.96	218.46	123.60	218.10	124.23	217.74	124.87	217.37	125.50
52	220.05	122.81	219.69	123.45	219.33	124.09	218.97	124.73	218.60	125.36	218.24	126.00
53	220.92	123.30	220.56	123.94	220.20	124.58	219.84	125.22	219.47	125.86	219.10	126.50
54	221.79	123.79	221.43	124.43	221.07	125.08	220.71	125.72	220.34	126.36	219.97	127.00
55	222.67	124.27	222.30	124.92	221.94	125.57	221.57	126.21	221.21	126.86	220.84	127.50
56	223.54	124.76	223.18	125.41	222.81	126.06	222.44	126.71	222.07	127.35	221.70	128.00
57	224.41	125.25	224.05	125.90	223.68	126.55	223.31	127.20	222.94	127.85	222.57	128.50
58	225.29	125.74	224.92	126.39	224.55	127.05	224.18	127.70	223.81	128.35	223.43	129.00
59	226.16	126.22	225.79	126.88	225.42	127.54	225.05	128.19	224.68	128.85	224.30	129.50
260	227.03	126.71	226.66	127.37	226.29	128.03	225.92	128.69	225.54	129.34	225.17	130.00
61	227.91	127.20	227.54	127.86	227.16	128.52	226.79	129.18	226.41	129.84	226.03	130.50
62	228.78	127.69	228.41	128.35	228.03	129.02	227.66	129.68	227.28	130.34	226.90	131.00
63	229.65	128.17	229.28	128.84	228.90	129.51	228.53	130.17	228.15	130.84	227.76	131.50
64	230.53	128.66	230.15	129.33	229.77	130.00	229.39	130.67	229.01	131.33	228.63	132.00
65	231.40	129.15	231.02	129.82	230.64	130.49	230.26	131.16	229.88	131.83	229.50	132.50
66	232.27	129.64	231.89	130.31	231.51	130.98	231.13	131.66	230.75	132.33	230.36	133.00
67	233.15	130.12	232.77	130.80	232.38	131.48	232.00	132.15	231.62	132.83	231.23	133.50
68	234.02	130.61	233.64	131.29	233.26	131.97	232.87	132.65	232.48	133.32	232.09	134.00
69	234.89	131.10	234.51	131.78	234.13	132.46	233.74	133.14	233.35	133.82	232.96	134.50
270	235.77	131.58	235.38	132.27	235.00	132.95	234.61	133.64	234.22	134.32	233.83	135.00
71	236.64	132.07	236.25	132.76	235.87	133.45	235.48	134.13	235.09	134.82	234.69	135.50
72	237.51	132.56	237.13	133.25	236.74	133.94	236.35	134.63	235.95	135.31	235.56	136.00
73	238.39	133.05	238.00	133.74	237.61	134.43	237.22	135.12	236.82	135.81	236.43	136.50
74	239.26	133.53	238.87	134.23	238.48	134.92	238.08	135.62	237.69	136.31	237.29	137.00
75	240.13	134.02	239.74	134.72	239.35	135.42	238.95	136.11	238.56	136.81	238.16	137.50
76	241.00	134.51	240.61	135.21	240.22	135.91	239.82	136.61	239.42	137.30	239.02	138.00
77	241.88	135.00	241.48	135.70	241.09	136.40	240.69	137.10	240.29	137.80	239.89	138.50
78	242.75	135.48	242.36	136.19	241.96	136.89	241.56	137.60	241.16	138.30	240.76	139.00
79	243.62	135.97	243.23	136.68	242.83	137.39	242.43	138.09	242.03	138.80	241.62	139.50
280	244.50	136.46	244.10	137.17	243.70	137.88	243.30	138.59	242.89	139.29	242.49	140.00
81	245.37	136.95	244.97	137.66	244.57	138.37	244.17	139.08	243.76	139.79	243.35	140.50
82	246.24	137.43	245.84	138.15	245.44	138.86	245.04	139.58	244.63	140.29	244.22	141.00
83	247.12	137.92	246.71	138.64	246.31	139.36	245.90	140.07	245.50	140.79	245.09	141.50
84	247.99	138.41	247.59	139.13	247.18	139.85	246.77	140.57	246.36	141.28	245.95	142.00
85	248.86	138.89	248.46	139.62	248.05	140.34	247.64	141.06	247.23	141.78	246.82	142.50
86	249.74	139.38	249.33	140.11	248.92	140.83	248.51	141.36	248.10	142.28	247.68	143.00
87	250.61	139.87	250.20	140.60	249.79	141.33	249.38	142.05	248.97	142.78	248.55	143.50
88	251.48	140.36	251.07	141.09	250.66	141.82	250.25	142.55	249.83	143.27	249.42	144.00
89	252.36	140.84	251.95	141.58	251.53	142.31	251.12	143.04	250.70	143.77	250.28	144.50
290	253.23	141.33	252.82	142.07	252.40	142.80	251.99	143.54	251.57	144.27	251.15	145.00
91	254.10	141.82	253.69	142.56	253.27	143.30	252.86	144.03	252.44	144.77	252.01	145.50
92	254.98	142.31	254.56	143.05	254.14	143.79	253.72	144.53	253.30	145.26	252.88	146.00
93	255.85	142.79	255.43	143.54	255.01	144.28	254.59	145.02	254.17	145.76	253.75	146.50
94	256.72	143.28	256.30	144.03	255.88	144.77	255.46	145.52	255.04	146.26	254.61	147.00
95	257.60	143.77	257.18	144.52	256.75	145.27	256.33	146.01	255.91	146.76	255.48	147.50
96	258.47	144.26	258.05	145.01	257.63	145.76	257.20	146.51	256.77	147.25	256.34	148.00
97	259.34	144.74	258.92	145.50	258.50	146.25	258.07	147.00	257.64	147.75	257.21	148.50
98	260.22	145.23	259.79	145.99	259.37	146.74	258.94	147.50	258.51	148.25	258.08	149.00
99	261.09	145.72	260.66	146.48	260.24	147.23	259.81	147.99	259.38	148.75	258.94	149.50
300	261.96	146.21	261.54	146.97	261.11	147.73	260.68	148.49	260.24	149.24	259.81	150.00
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Min.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.86	0.50	0.86	0.51	0.86	0.51	0.86	0.51	0.86	0.51	0.86	0.52
2	1.73	1.01	1.73	1.01	1.72	1.02	1.72	1.02	1.72	1.03	1.71	1.03
3	2.59	1.51	2.59	1.52	2.58	1.53	2.58	1.53	2.58	1.54	2.57	1.55
4	3.46	2.01	3.45	2.02	3.45	2.03	3.44	2.04	3.43	2.05	3.43	2.06
5	4.32	2.51	4.32	2.53	4.31	2.54	4.30	2.55	4.29	2.56	4.29	2.57
6	5.19	3.02	5.18	3.03	5.17	3.05	5.16	3.06	5.15	3.08	5.14	3.09
7	6.05	3.52	6.04	3.54	6.03	3.55	6.02	3.57	6.01	3.59	6.00	3.61
8	6.92	4.02	6.90	4.04	6.89	4.06	6.88	4.08	6.87	4.10	6.86	4.12
9	7.78	4.52	7.77	4.55	7.75	4.57	7.74	4.59	7.73	4.61	7.71	4.64
10	8.65	5.03	8.63	5.05	8.62	5.08	8.60	5.10	8.59	5.13	8.57	5.15
11	9.51	5.53	9.49	5.56	9.48	5.58	9.46	5.61	9.45	5.64	9.43	5.67
12	10.37	6.03	10.36	6.06	10.34	6.09	10.32	6.12	10.30	6.15	10.29	6.18
13	11.24	6.53	11.22	6.57	11.20	6.60	11.18	6.63	11.16	6.66	11.14	6.70
14	12.10	7.04	12.08	7.07	12.06	7.11	12.04	7.14	12.02	7.18	12.00	7.21
15	12.97	7.54	12.95	7.58	12.92	7.61	12.90	7.65	12.88	7.69	12.86	7.73
16	13.83	8.04	13.81	8.08	13.79	8.12	13.76	8.16	13.74	8.20	13.71	8.24
17	14.70	8.54	14.67	8.59	14.65	8.63	14.62	8.67	14.60	8.71	14.57	8.76
18	15.56	9.05	15.54	9.09	15.51	9.14	15.48	9.18	15.46	9.23	15.43	9.27
19	16.43	9.55	16.40	9.60	16.37	9.64	16.34	9.69	16.31	9.74	16.28	9.79
20	17.29	10.05	17.26	10.10	17.23	10.15	17.20	10.20	17.17	10.25	17.14	10.30
21	18.16	10.55	18.13	10.61	18.09	10.66	18.06	10.71	18.03	10.76	18.00	10.82
22	19.02	11.06	18.99	11.11	18.96	11.17	18.92	11.22	18.89	11.28	18.86	11.33
23	19.89	11.56	19.85	11.62	19.82	11.67	19.78	11.73	19.75	11.79	19.71	11.85
24	20.75	12.06	20.71	12.12	20.68	12.18	20.64	12.24	20.61	12.30	20.58	12.36
25	21.61	12.56	21.58	12.63	21.54	12.69	21.50	12.75	21.47	12.81	21.43	12.88
26	22.48	13.07	22.44	13.13	22.40	13.20	22.36	13.26	22.33	13.33	22.29	13.39
27	23.34	13.57	23.30	13.64	23.26	13.70	23.22	13.77	23.18	13.84	23.14	13.91
28	24.21	14.07	24.17	14.14	24.13	14.21	24.08	14.28	24.04	14.35	24.00	14.42
29	25.07	14.57	25.03	14.65	24.99	14.72	24.94	14.79	24.90	14.86	24.86	14.94
30	25.94	15.08	25.89	15.15	25.85	15.23	25.80	15.30	25.76	15.38	25.72	15.45
31	26.80	15.58	26.76	15.66	26.71	15.73	26.66	15.81	26.62	15.89	26.57	15.97
32	27.67	16.08	27.62	16.16	27.57	16.24	27.52	16.32	27.48	16.40	27.43	16.48
33	28.53	16.58	28.48	16.67	28.43	16.75	28.38	16.83	28.33	16.91	28.29	17.00
34	29.40	17.09	29.35	17.17	29.30	17.26	29.25	17.34	29.19	17.43	29.14	17.51
35	30.26	17.59	30.21	17.68	30.16	17.76	30.11	17.85	30.05	17.94	30.00	18.03
36	31.12	18.09	31.07	18.18	31.02	18.27	30.97	18.36	30.91	18.45	30.86	18.54
37	31.99	18.59	31.93	18.68	31.88	18.78	31.83	18.87	31.77	18.96	31.72	19.06
38	32.85	19.10	32.80	19.19	32.74	19.29	32.69	19.38	32.63	19.48	32.57	19.57
39	33.72	19.60	33.66	19.70	33.60	19.79	33.55	19.89	33.49	19.99	33.43	20.09
40	34.58	20.10	34.52	20.20	34.47	20.30	34.41	20.40	34.35	20.50	34.29	20.60
41	35.45	20.60	35.39	20.71	35.33	20.81	35.27	20.91	35.20	21.01	35.14	21.12
42	36.31	21.11	36.25	21.21	36.19	21.32	36.13	21.42	36.06	21.53	36.00	21.63
43	37.18	21.61	37.11	21.72	37.05	21.83	36.99	21.93	36.92	22.04	36.86	22.15
44	38.04	22.11	37.98	22.22	37.91	22.33	37.85	22.44	37.78	22.55	37.72	22.66
45	38.91	22.61	38.84	22.73	38.77	22.84	38.71	22.95	38.64	23.06	38.57	23.18
46	39.77	23.12	39.70	23.23	39.63	23.35	39.57	23.46	39.50	23.58	39.43	23.69
47	40.63	23.62	40.57	23.74	40.50	23.86	40.43	23.97	40.36	24.09	40.29	24.21
48	41.50	24.12	41.43	24.24	41.36	24.36	41.29	24.48	41.21	24.60	41.14	24.72
49	42.36	24.62	42.29	24.75	42.22	24.87	42.15	24.99	42.07	25.11	42.00	25.24
50	43.23	25.13	43.16	25.25	43.08	25.38	43.01	25.50	42.93	25.63	42.86	25.75
51	44.09	25.63	44.02	25.76	43.94	25.89	43.87	26.01	43.79	26.14	43.72	26.27
52	44.96	26.13	44.88	26.26	44.80	26.39	44.73	26.52	44.65	26.65	44.57	26.78
53	45.82	26.68	45.74	26.77	45.67	26.90	45.59	27.03	45.51	27.16	45.43	27.30
54	46.69	27.14	46.61	27.27	46.53	27.41	46.45	27.54	46.37	27.68	46.29	27.81
55	47.55	27.64	47.47	27.78	47.39	27.92	47.31	28.05	47.23	28.19	47.14	28.33
56	48.42	28.14	48.33	28.28	48.25	28.42	48.17	28.56	48.08	28.70	48.00	28.84
57	49.28	28.64	49.20	28.79	49.11	28.93	49.03	29.07	48.94	29.21	48.86	29.36
58	50.15	29.15	50.06	29.29	49.97	29.44	49.89	29.58	49.80	29.73	49.72	29.87
59	51.01	29.65	50.92	29.80	50.84	29.95	50.75	30.09	50.66	30.24	50.57	30.39
60	51.87	30.15	51.79	30.30	51.70	30.45	51.61	30.60	51.52	30.75	51.43	30.90
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	52.74	30.66	52.65	30.81	52.56	30.96	52.47	31.11	52.38	31.26	52.29	31.42
62	53.60	31.16	53.51	31.31	53.42	31.47	53.33	31.62	53.24	31.78	53.14	31.93
63	54.47	31.66	54.38	31.82	54.28	31.98	54.19	32.13	54.10	32.29	54.00	32.45
64	55.33	32.16	55.24	32.32	55.14	32.48	55.05	32.64	54.95	32.80	54.86	32.96
65	56.20	32.66	56.10	32.83	56.01	32.99	55.91	33.15	55.81	33.32	55.72	33.48
66	57.06	33.17	56.97	33.33	56.87	33.50	56.77	33.66	56.67	33.83	56.57	33.99
67	57.93	33.67	57.83	33.84	57.73	34.01	57.63	34.17	57.53	34.34	57.43	34.51
68	58.79	34.17	58.69	34.34	58.59	34.51	58.49	34.68	58.39	34.85	58.29	35.02
69	59.66	34.67	59.56	34.85	59.45	35.02	59.35	35.19	59.25	35.37	59.14	35.54
70	60.52	35.18	60.42	35.35	60.31	35.53	60.21	35.70	60.11	35.88	60.00	36.05
71	61.38	35.68	61.28	35.86	61.18	36.04	61.07	36.21	60.96	36.39	60.86	36.57
72	62.25	36.18	62.14	36.36	62.04	36.54	61.93	36.72	61.82	36.90	61.72	37.08
73	63.11	36.68	63.01	36.87	62.90	37.05	62.79	37.23	62.68	37.42	62.57	37.60
74	63.98	37.19	63.[illegible]	37.37	63.76	37.56	63.65	37.74	63.54	37.93	63.43	38.11
75	64.84	37.69	64.73	37.88	64.62	38.07	64.51	38.25	64.40	38.44	64.29	38.63
76	65.71	38.19	65.60	38.38	65.48	38.57	65.37	38.76	65.26	38.95	65.14	39.14
77	66.57	38.69	66.46	38.89	66.35	39.08	66.23	39.27	66.12	39.47	66.00	39.66
78	67.44	39.20	67.32	39.39	67.21	39.59	67.09	39.78	66.98	39.98	66.86	40.17
79	68.30	39.70	68.19	39.90	68.07	40.10	67.95	40.29	67.83	40.49	67.72	40.69
80	69.17	40.20	69.05	40.40	68.93	40.60	68.81	40.80	68.69	41.00	68.57	41.20
81	70.03	40.70	69.91	40.91	69.79	41.11	69.67	41.31	69.55	41.52	69.43	41.72
82	70.89	41.21	70.77	41.41	70.65	41.62	70.53	41.82	70.41	42.03	70.29	42.23
83	71.76	41.71	71.64	41.92	71.52	42.13	71.39	42.33	71.27	42.54	71.15	42.75
84	72.62	42.21	72.50	42.42	72.38	42.63	72.25	42.84	72.13	43.05	72.00	43.26
85	73.49	42.71	73.36	42.93	73.24	43.14	73.11	43.35	72.99	43.57	72.86	43.78
86	74.35	43.22	74.23	43.43	74.10	43.65	73.97	43.86	73.84	44.08	73.72	44.29
87	75.22	43.72	75.09	43.94	74.96	44.16	74.83	44.37	74.70	44.59	74.57	44.81
88	76.08	44.22	75.95	44.44	75.82	44.66	75.69	44.88	75.56	45.10	75.43	45.32
89	76.95	44.72	76.82	44.95	76.69	45.17	76.55	45.39	76.42	45.62	76.29	45.84
90	77.81	45.23	77.68	45.45	77.55	45.68	77.41	45.90	77.28	46.13	77.15	46.35
91	78.68	45.73	78.54	45.96	78.41	46.19	78.27	46.41	78.14	46.64	78.00	46.87
92	79.54	46.23	79.41	46.46	79.27	46.69	79.13	46.92	79.00	47.15	78.86	47.38
93	80.41	46.73	80.27	46.97	80.13	47.20	79.99	47.43	79.86	47.67	79.72	47.90
94	81.27	47.24	81.13	47.47	80.99	47.71	80.85	47.94	80.71	48.18	80.57	48.41
95	82.13	47.74	81.99	47.98	81.85	48.22	81.71	48.45	81.57	48.69	81.43	48.93
96	83.00	48.24	82.86	48.48	82.72	48.72	82.57	48.96	82.43	49.20	82.29	49.44
97	83.86	48.74	83.72	48.99	83.58	49.23	83.43	49.47	83.29	49.72	83.15	49.96
98	84.73	49.25	84.58	49.49	84.44	49.74	84.29	49.98	84.16	50.23	84.00	50.47
99	85.59	49.75	85.45	50.00	85.30	50.25	85.15	50.49	85.01	50.74	84.86	50.99
100	86.46	50.25	86.31	50.50	86.16	50.75	86.02	51.00	85.87	51.25	85.72	51.50
01	87.32	50.75	87.17	51.01	87.02	51.26	86.88	51.51	86.72	51.77	86.57	52.02
02	88.19	51.26	88.04	51.51	87.89	51.77	87.74	52.02	87.58	52.28	87.43	52.53
03	89.05	51.76	88.90	52.02	88.75	52.28	88.60	52.53	88.44	52.79	88.29	53.05
04	89.92	52.26	89.76	52.52	89.61	52.78	89.46	53.04	89.30	53.30	89.15	53.56
05	90.78	52.76	90.63	53.03	90.47	53.29	90.32	53.55	90.16	53.82	90.00	54.08
06	91.64	53.27	91.49	53.53	91.33	53.80	91.18	54.06	91.02	54.33	90.86	54.59
07	92.51	53.77	92.35	54.04	92.19	54.31	92.04	54.57	91.88	54.84	91.73	55.11
08	93.37	54.27	93.21	54.54	93.06	54.81	92.90	55.08	92.74	55.35	92.57	55.62
09	94.24	54.77	94.08	55.05	93.92	55.32	93.76	55.59	93.59	55.87	93.43	56.14
110	95.10	55.28	94.94	55.55	94.78	55.83	94.62	56.10	94.45	56.38	94.29	56.65
11	95.97	55.78	95.80	56.06	95.64	56.34	95.48	56.61	95.31	56.89	95.15	57.17
12	96.83	56.28	96.67	56.56	96.50	56.84	96.34	57.12	96.17	57.40	96.00	57.68
13	97.70	56.78	97.53	57.07	97.36	57.35	97.20	57.63	97.03	57.92	96.86	58.20
14	98.56	57.29	98.39	57.57	98.23	57.86	98.06	58.14	97.89	68.43	97.72	58.71
15	99.43	57.79	99.26	58.08	99.09	58.37	98.92	58.65	98.75	58.94	98.57	59.23
16	100.29	58.29	100.12	58.58	99.95	58.87	99.78	59.16	99.60	59.45	99.43	59.74
17	101.15	58.79	100.98	59.09	100.81	59.38	100.64	59.67	100.48	59.97	100.29	60.26
18	102.02	59.30	101.85	59.59	101.67	59.89	101.50	60.18	101.32	60.48	101.15	60.77
19	102.88	59.80	102.71	60.10	102.53	60.40	102.36	60.69	102.18	60.99	102.00	61.29
120	103.75	60.30	103.57	60.60	103.40	60.90	103.22	61.20	103.04	61.50	102.86	61.80

.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

P.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
121	104.61	60.80	104.44	61.11	104.26	61.41	104.08	61.71	103.90	62.02	103.72	62.32
22	105.48	61.31	105.30	61.61	105.12	61.92	104.94	62.22	104.76	62.53	104.57	63.83
23	106.34	61.81	106.16	62.12	105.98	62.43	105.80	62.73	105.62	63.04	105.43	63.35
24	107.21	62.31	107.02	62.62	106.84	62.93	106.66	63.24	106.47	63.55	106.29	63.86
25	108.07	62.82	107.89	63.13	107.70	63.44	107.52	63.75	107.33	64.07	107.15	64.38
26	108.94	63.32	108.75	63.63	108.57	63.95	108.38	64.26	108.19	64.58	108.00	64.90
27	109.80	63.82	109.61	64.14	109.43	64.46	109.24	64.77	109.05	65.09	108.86	65.41
28	110.66	64.32	110.48	64.64	110.29	64.97	110.10	65.28	109.91	65.61	109.72	65.93
29	111.53	64.83	111.34	65.15	111.15	65.47	110.96	65.79	110.77	66.12	110.57	66.44
130	112.39	65.33	112.20	65.65	112.01	65.98	111.82	66.31	111.63	66.63	111.43	66.96
31	113.26	65.83	113.07	66.16	112.87	66.49	112.68	66.82	112.48	67.14	112.29	67.47
32	114.12	66.33	113.93	66.66	113.74	67.00	113.54	67.33	113.34	67.66	113.15	67.99
33	114.99	66.84	114.79	67.17	114.60	67.50	114.40	67.84	114.20	68.17	114.00	68.50
34	115.85	67.34	115.66	67.67	115.46	68.01	115.26	68.35	115.06	68.68	114.86	69.02
35	116.72	67.84	116.52	68.18	116.32	68.52	116.12	68.86	115.92	69.19	115.72	69.53
36	117.58	68.34	117.38	68.68	117.18	69.03	116.98	69.37	116.78	69.71	116.58	70.05
37	118.45	68.85	118.24	69.19	118.04	69.53	117.84	69.88	117.64	70.22	117.43	70.56
38	119.31	69.35	119.11	69.69	118.90	70.04	118.70	70.39	118.50	70.73	118.29	71.08
39	120.18	69.85	119.97	70.20	119.77	70.55	119.56	70.90	119.35	71.24	119.15	71.59
140	121.04	70.35	120.83	70.70	120.63	71.06	120.42	71.41	120.21	71.76	120.00	72.11
41	121.90	70.86	121.70	71.21	121.49	71.56	121.28	71.92	121.07	72.27	120.86	72.62
42	122.77	71.36	122.56	71.71	122.35	72.07	122.14	72.43	121.93	72.78	121.72	73.14
43	123.63	71.86	123.42	72.22	123.21	72.58	123.00	72.94	122.79	73.29	122.58	73.65
44	124.50	72.36	124.29	72.72	124.07	73.09	123.86	73.45	123.65	73.81	123.43	74.17
45	125.36	72.87	125.15	73.23	124.94	73.59	124.72	73.96	124.51	74.32	124.29	74.68
46	126.23	73.37	126.01	73.73	125.80	74.10	125.58	74.47	125.36	74.83	125.15	75.20
47	127.09	73.87	126.88	74.24	126.66	74.61	126.44	74.98	126.22	75.34	126.00	75.71
48	127.96	74.37	127.74	74.74	127.52	75.12	127.30	75.49	127.08	75.86	126.86	76.23
49	128.82	74.88	128.60	75.25	128.38	75.62	128.16	76.00	127.94	76.37	127.72	76.74
150	129.69	75.38	129.47	75.75	129.24	76.13	129.02	76.51	128.80	76.88	128.58	77.26
51	130.55	75.88	130.33	76.26	130.11	76.64	129.88	77.02	129.66	77.39	129.43	77.77
52	131.41	76.38	131.19	76.76	130.97	77.15	130.74	77.53	130.52	77.91	130.29	78.29
53	132.28	76.89	132.05	77.27	131.83	77.65	131.60	78.04	131.37	78.42	131.14	78.80
54	133.14	77.39	132.92	77.77	132.69	78.16	132.46	78.55	132.23	78.93	132.00	79.32
55	134.01	77.89	133.78	78.28	133.55	78.67	133.32	79.06	133.09	79.44	132.86	79.83
56	134.87	78.39	134.64	78.78	134.41	79.18	134.18	79.57	133.95	79.96	133.72	80.35
57	135.74	78.90	135.51	79.29	135.28	79.68	135.04	80.08	134.81	80.47	134.58	80.86
58	136.60	79.40	136.37	79.79	136.14	80.19	135.90	80.59	135.67	80.98	135.43	81.38
59	137.47	79.90	137.23	80.30	137.00	80.70	136.76	81.10	136.53	81.49	136.29	81.89
160	138.33	80.40	138.10	80.80	137.86	81.21	137.62	81.61	137.39	82.01	137.15	82.41
61	139.20	80.91	138.96	81.31	138.72	81.71	138.48	82.12	138.24	82.52	138.00	82.92
62	140.06	81.41	139.82	81.81	139.58	82.22	139.34	82.63	139.10	83.03	138.86	83.44
63	140.92	81.91	140.69	82.32	140.45	82.73	140.20	83.13	139.96	83.54	139.72	83.95
64	141.79	82.41	141.55	82.82	141.31	83.24	141.06	83.65	140.82	84.06	140.58	84.47
65	142.65	82.92	142.41	83.33	142.17	83.74	141.92	84.16	141.68	84.57	141.43	84.98
66	143.52	83.42	143.27	83.83	143.03	84.25	142.78	84.67	142.54	85.08	142.29	85.50
67	144.38	83.92	144.14	84.34	143.89	84.76	143.65	85.18	143.40	85.59	143.15	86.01
68	145.25	84.42	145.00	84.85	144.75	85.27	144.51	85.69	144.25	86.11	144.00	86.53
69	146.11	84.93	145.86	85.35	145.62	85.77	145.37	86.20	145.11	86.62	144.86	87.04
170	146.98	85.43	146.73	85.86	146.48	86.28	146.23	86.71	145.97	87.13	145.72	87.56
71	147.84	85.93	147.59	86.36	147.34	86.79	147.09	87.22	146.83	87.64	146.58	88.07
72	148.71	86.43	148.45	86.87	148.20	87.30	147.95	87.73	147.69	88.15	147.43	88.58
73	149.57	86.94	149.32	87.37	149.06	87.80	148.81	88.24	148.55	88.67	148.29	89.10
74	150.44	87.44	150.18	87.88	149.92	88.31	149.67	88.75	149.41	89.18	149.15	89.62
75	151.30	87.94	151.04	88.38	150.79	88.82	150.53	89.26	150.27	89.69	150.00	90.13
76	152.16	88.44	151.91	88.89	151.65	89.33	151.39	89.77	151.12	90.21	150.86	90.65
77	153.03	88.95	152.77	89.39	152.51	89.83	152.25	90.28	151.98	90.72	151.72	91.16
78	153.89	89.45	153.63	89.90	153.37	90.35	153.11	90.79	152.84	91.25	152.58	91.69
79	154.76	89.95	154.49	90.40	154.23	90.85	153.97	91.30	153.70	91.74	153.43	92.19
180	155.62	90.45	155.36	90.91	155.09	91.36	154.83	91.81	154.55	92.26	154.29	92.71

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dm.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	156.49	90.96	156.22	91.41	155.96	91.86	155.69	92.32	155.42	92.77	155.15	93.22
82	157.35	91.46	157.08	91.92	156.82	92.37	156.55	92.83	156.28	93.28	156.00	93.74
83	158.22	91.96	157.95	92.42	157.68	92.88	157.41	93.34	157.13	93.79	156.86	94.25
84	159.08	92.46	158.81	92.93	158.54	93.39	158.27	93.85	157.99	94.31	157.72	94.77
85	159.95	92.97	159.67	93.43	159.40	93.89	159.13	94.36	158.85	94.82	158.58	95.28
86	160.81	93.47	160.54	93.94	160.26	94.40	159.99	94.87	159.71	95.33	159.43	95.80
87	161.67	93.97	161.40	94.44	161.12	94.91	160.85	95.38	160.57	95.84	160.29	96.31
88	162.54	94.47	162.26	94.95	161.99	95.42	161.71	95.89	161.43	96.36	161.15	96.83
89	163.40	94.98	163.13	95.45	162.85	95.93	162.57	96.40	162.29	96.87	162.01	97.34
90	164.27	95.48	163.99	95.96	163.71	96.43	163.43	96.91	163.15	97.38	162.86	97.86
91	165.13	95.98	164.85	96.46	164.57	96.84	164.29	97.42	164.00	97.90	163.72	98.37
92	166.00	96.48	165.72	96.97	165.43	97.45	165.15	97.93	164.86	98.41	164.58	98.89
93	166.86	96.99	166.58	97.47	166.29	97.96	166.01	98.44	165.72	98.92	165.43	99.40
94	167.73	97.49	167.44	97.98	167.16	98.46	166.87	98.95	166.58	99.43	166.29	99.92
95	168.59	97.99	168.30	98.48	168.02	98.97	167.73	99.46	167.44	99.95	167.15	100.43
96	169.46	98.49	169.17	98.99	168.88	99.48	168.59	99.97	168.30	100.46	168.01	100.95
97	170.32	99.00	170.03	99.49	169.74	99.99	169.45	100.48	169.16	100.97	168.86	101.46
98	171.18	99.50	170.89	100.00	170.60	100.49	170.31	100.99	170.01	101.48	169.72	101.98
99	172.05	100.00	171.76	100.50	171.46	101.00	171.17	101.50	170.87	102.00	170.58	102.49
200	172.91	100.50	172.62	101.01	172.33	101.51	172.03	102.01	171.73	102.51	171.43	103.01
01	173.78	101.01	173.48	101.51	173.19	102.02	172.89	102.52	172.59	103.02	172.29	103.52
02	174.64	101.51	174.35	102.02	174.05	102.52	173.75	103.03	173.45	103.53	173.15	104.04
03	175.51	102.01	175.21	102.52	174.91	103.03	174.61	103.54	174.31	104.05	174.01	104.55
04	176.37	102.51	176.07	103.03	175.77	103.54	175.47	104.05	175.17	104.56	174.86	105.07
05	177.24	103.02	176.94	103.53	176.63	104.05	176.33	104.56	176.03	105.07	175.72	105.58
06	178.10	103.52	177.80	104.04	177.50	104.55	177.19	105.07	176.88	105.58	176.58	106.10
07	178.97	104.02	178.66	104.54	178.36	105.06	178.05	105.58	177.74	106.10	177.43	106.61
08	179.83	104.52	179.52	105.05	179.22	105.57	178.91	106.09	178.60	106.61	178.29	107.13
09	180.70	105.03	180.39	105.55	180.08	106.08	179.77	106.60	179.46	107.12	179.15	107.64
210	181.56	105.53	181.25	106.06	180.94	106.58	180.63	107.11	180.32	107.63	180.01	108.16
11	182.42	106.03	182.11	106.56	181.80	107.09	181.49	107.62	181.18	108.15	180.86	108.67
12	183.29	106.53	182.98	107.07	182.67	107.60	182.35	108.13	182.04	108.66	181.72	109.19
13	184.15	107.04	183.84	107.57	183.53	108.11	183.21	108.64	182.89	109.17	182.58	109.70
14	185.02	107.54	184.70	108.08	184.39	108.61	184.07	109.15	183.75	109.68	183.43	110.22
15	185.88	108.04	185.57	108.58	185.25	109.12	184.93	109.66	184.61	110.20	184.29	110.73
16	186.75	108.54	186.43	109.09	186.11	109.63	185.79	110.17	185.47	110.71	185.15	111.25
17	187.61	109.05	187.29	109.59	186.97	110.14	186.65	110.68	186.33	111.22	186.01	111.76
18	188.48	109.55	188.16	110.10	187.84	110.64	187.51	111.19	187.19	111.73	186.86	112.28
19	189.34	110.05	189.02	110.60	188.70	111.15	188.37	111.70	188.05	112.25	187.72	112.79
220	190.21	110.55	189.88	111.11	189.56	111.66	189.23	112.21	188.91	112.76	188.58	113.31
21	191.07	111.06	190.75	111.61	190.42	112.17	190.09	112.72	189.76	113.27	189.43	113.82
22	191.93	111.56	191.61	112.12	191.28	112.67	190.95	113.23	190.62	113.78	190.29	114.34
23	192.80	112.06	192.47	112.62	192.14	113.18	191.81	113.74	191.48	114.30	191.15	114.85
24	193.66	112.56	193.33	113.13	193.01	113.69	192.67	114.25	192.34	114.81	192.01	115.37
25	194.53	113.07	194.20	113.63	193.87	114.20	193.53	114.76	193.20	115.32	192.86	115.88
26	195.39	113.57	195.06	114.14	194.73	114.70	194.39	115.27	194.06	115.83	193.72	116.40
27	196.26	114.07	195.92	114.64	195.59	115.21	195.25	115.78	194.92	116.35	194.58	116.91
28	197.12	114.57	196.79	115.15	196.45	115.72	196.11	116.29	195.77	116.86	195.43	117.43
29	197.99	115.08	197.65	115.65	197.31	116.23	196.97	116.80	196.63	117.37	196.29	117.94
230	198.85	115.58	198.51	116.16	198.17	116.73	197.83	117.31	197.49	117.88	197.15	118.46
31	199.72	116.08	199.38	116.66	199.04	117.24	198.69	117.82	198.35	118.40	198.01	118.97
32	200.58	116.58	200.24	117.17	199.90	117.75	199.55	118.33	199.21	118.91	198.86	119.49
33	201.44	117.09	201.10	117.67	200.76	118.26	200.41	118.84	200.07	119.42	199.72	120.00
34	202.31	117.59	201.97	118.18	201.62	118.76	201.28	119.35	200.93	119.93	200.58	120.52
35	203.17	118.09	202.83	118.68	202.48	119.27	202.14	119.86	201.79	120.45	201.43	121.03
36	204.04	118.69	203.69	119.19	203.34	119.78	203.00	120.37	202.64	120.96	202.29	121.55
37	204.90	119.10	204.55	119.69	204.21	120.29	203.86	120.88	203.50	121.47	203.13	122.06
38	205.77	119.60	205.42	120.20	205.07	120.79	204.72	121.39	204.36	121.98	204.01	122.58
39	206.63	120.10	206.28	120.70	205.93	121.30	205.58	121.90	205.22	122.50	204.86	123.09
240	207.50	120.60	207.14	121.21	206.79	121.81	206.44	122.41	206.08	123.01	205.72	123.61

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Grad.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
241	208.36	121.11	208.01	121.71	207.65	122.32	207.30	122.92	206.94	123.52	206.58	124.12
42	209.23	121.61	208.87	122.22	208.51	122.82	208.16	123.43	207.80	124.03	207.44	124.64
43	210.09	122.11	209.73	122.72	209.38	123.35	209.02	123.94	208.65	124.55	208.29	125.15
44	210.96	122.61	210.60	123.23	210.24	123.84	209.88	124.45	209.51	125.06	209.15	125.67
45	211.82	123.12	211.46	123.73	211.10	124.35	210.74	124.96	210.37	125.57	210.01	126.18
46	212.68	123.62	212.32	124.24	211.96	124.85	211.60	125.47	211.23	126.08	210.86	126.70
47	213.55	124.12	213.19	124.74	212.82	125.3[illegible]	212.46	125.98	212.09	126.60	211.72	127.21
48	214.41	124.62	214.05	125.25	218.68	125.87	213.32	126.49	212.95	127.11	212.58	127.73
49	215.28	125.13	214.91	125.75	214.55	126.38	214.18	127.00	213.81	127.62	213.44	128.24
250	216.14	125.63	215.78	126.26	215.41	126.89	215.04	127.51	214.67	128.14	214.29	128.76
51	217.01	126.13	216.64	126.76	216.27	127.39	215.90	128.02	215.52	128.65	215.15	129.27
52	217.87	126.64	217.50	127.27	217.13	127.90	216.76	128.53	216.38	129.16	216.01	129.79
53	218.74	127.14	218.36	127.77	217.99	128.41	217.62	129.04	217.24	129.67	216.86	130.30
54	219.60	127.64	229.23	128.28	218.85	128.92	218.48	129.55	218.10	130.19	217.72	130.82
55	220.47	128.14	220.09	128.78	219.72	129.42	219.34	130.06	218.86	130.70	218.58	131.33
56	221.33	128.65	220.95	129.29	220.58	129.93	220.20	130.57	219.82	131.21	219.44	131.85
57	222.19	129.15	221.82	129.79	221.44	130.44	221.06	131.08	220.68	131.72	220.29	132.36
58	223.06	129.65	222.68	130.30	222.30	130.95	221.92	131.55	221.53	132.24	221.15	132.88
59	223.92	130.15	223.54	130.80	223.16	131.46	222.78	132.10	222.38	132.75	222.01	133.39
260	224.79	130.66	224.41	131.31	224.02	131.96	223.64	132.61	223.25	133.26	222.86	133.91
61	225.65	131.16	225.27	131.81	224.89	132.47	224.50	133.12	224.11	133.77	223.72	134.42
62	226.52	131.66	226.13	132.32	225.75	132.98	225.36	133.63	224.97	134.29	224.58	134.94
63	227.38	132.16	227.00	132.82	226.61	133.48	226.22	134.14	225.83	134.80	225.44	135.45
64	228.25	132.67	227.86	133.33	227.47	133.99	227.08	134.65	226.69	135.31	226.29	135.97
65	229.11	133.17	228.72	133.83	228.33	134.50	227.94	135.16	227.54	135.82	227.15	136.48
66	229.98	133.67	229.58	134.34	229.19	135.01	228.80	135.67	228.40	136.34	228.01	137.00
67	230.84	134.17	230.45	134.84	230.06	135.51	229.66	136.18	229.26	136.85	228.86	137.51
68	231.70	134.68	231.31	135.35	230.92	136.02	230.52	136.69	230.12	137.36	229.72	138.03
69	232.57	135.18	232.17	135.85	231.78	136.53	231.38	137.20	230.98	137.87	230.58	138.54
270	233.43	135.68	233.04	136.36	232.64	137.04	232.25	137.71	231.84	138.39	231.44	139.06
71	234.30	136.18	233.90	136.86	233.50	137.54	233.10	188.22	232.70	138.90	232.29	139.57
72	235.16	136.69	234.76	137.37	234.36	138.05	233.96	138.73	233.56	139.41	233.15	140.09
73	236.03	137.19	235.63	137.87	235.22	138.56	234.82	139.24	234.41	139.92	234.01	140.60
74	236.89	137.69	236.49	138.38	236.09	139.07	235.68	139.75	235.27	140.44	234.86	141.12
75	237.76	138.19	237.35	138.88	236.95	139.57	236.54	140.26	236.13	140.95	235.72	141.63
76	238.62	138.70	238.22	139.39	237.81	140.08	237.40	140.77	236.99	141.46	236.58	142.15
77	239.49	139.20	239.08	139.89	238.67	140.58	238.26	141.28	237.85	141.97	237.44	142.66
78	240.35	139.70	239.94	140.40	239.53	141.10	239.12	141.79	238.71	142.49	238.29	143.18
79	241.22	140.20	240.80	140.90	240.39	141.60	239.98	142.30	239.57	143.00	239.15	143.69
280	242.08	140.71	241.67	141.41	241.26	142.11	240.84	142.81	240.42	143.51	240.01	144.21
81	242.94	141.21	242.53	141.91	242.12	142.62	241.70	143.32	241.28	144.02	240.86	144.72
82	243.81	141.71	243.39	142.42	242.98	143.13	242.56	143.83	242.14	144.54	241.72	145.24
83	244.67	142.21	244.26	142.92	243.84	143.63	243.42	144.34	243.00	145.05	242.58	145.75
84	245.54	142.72	245.12	143.43	244.70	144.14	244.28	144.85	243.86	145.56	243.44	146.27
85	246.40	143.22	245.98	143.93	245.56	144.65	245.14	145.36	244.72	146.07	244.29	146.78
86	247.27	143.72	246.85	144.44	246.43	145.16	246.00	145.87	245.58	146.59	245.15	147.30
87	248.13	144.22	247.71	144.94	247.29	145.66	246.86	146.38	246.44	147.10	246.01	147.81
88	249.00	144.73	248.57	145.45	248.15	146.17	247.72	146.89	247.29	147.61	246.86	148.33
89	249.86	145.23	249.44	145.95	249.01	146.68	248.58	147.40	248.15	148.12	247.72	148.84
290	250.73	145.73	250.30	146.46	249.87	147.19	249.44	147.91	249.01	148.64	248.58	149.36
91	251.59	146.23	251.16	146.96	250.73	144.69	250.30	148.42	249.87	149.15	249.44	149.87
92	252.45	146.74	252.03	147.44	251.60	148.20	251.16	148.93	250.73	149.66	250.29	150.39
93	253.32	147.24	252.89	147.97	252.46	148.71	252.02	149.44	251.59	150.17	251.15	150.90
94	254.18	147.74	253.75	148.48	253.32	149.22	252.88	149.95	252.45	150.69	252.01	151.42
95	255.05	148.24	254.61	148.98	254.18	149.72	253.74	150.46	253.30	151.20	252.87	151.93
96	225.91	148.75	255.48	149.49	252.04	150.23	254.60	150.97	254.16	151.71	253.72	152.45
97	256.78	149.25	256.34	149.99	255.90	150.74	255.46	151.48	255.02	152.22	254.58	152.96
98	257.64	149.75	257.20	150.50	256.77	151.25	256.32	151.99	255.88	152.74	255.44	153.48
99	255.51	150.25	258.07	151.00	257.63	151.75	257.18	152.50	256.74	153.25	256.29	153.99
300	259.37	150.76	258.93	151.51	258.49	152.26	258.05	153.01	257.60	154.76	257.15	154.51

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

′	0′		20′		30′		40′		50′		60′	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.85	0.52	0.85	0.52	0.85	0.52	0.85	0.52	0.85	0.52	0.85	0.52
2	1.71	1.04	1.71	1.04	1.71	1.05	1.70	1.05	1.70	1.05	1.70	1.06
3	2.57	1.55	2.56	1.56	2.56	1.57	2.55	1.57	2.55	1.58	2.54	1.59
4	3.42	2.07	3.42	2.08	3.41	2.09	3.40	2.10	3.40	2.11	3.39	2.12
5	4.28	2.59	4.27	2.60	4.26	2.61	4.26	2.62	4.25	2.64	4.24	2.65
6	5.13	3.11	5.13	3.12	5.12	3.14	5.11	3.15	5.10	3.16	5.09	3.18
7	5.99	3.62	5.98	3.64	5.97	3.66	5.96	3.67	5.95	3.69	5.94	3.71
8	6.84	4.14	6.83	4.16	6.82	4.19	6.81	4.20	6.80	4.22	6.78	4.24
9	7.70	4.66	7.69	4.68	7.67	4.70	7.66	4.72	7.65	4.75	7.63	4.77
10	8.56	5.18	8.54	5.20	8.53	5.23	8.51	5.25	8.50	5.27	8.48	5.30
11	9.41	5.69	9.40	5.72	9.38	5.75	9.36	5.77	9.35	5.80	9.33	5.83
12	10.27	6.21	10.25	6.24	10.23	6.27	10.21	6.30	10.20	6.33	10.18	6.36
13	11.12	6.72	11.10	6.76	11.08	6.79	11.06	6.82	11.04	6.86	11.02	6.89
14	11.98	7.24	11.96	7.28	11.94	7.32	11.92	7.35	11.89	7.38	11.87	7.42
15	12.84	7.76	12.81	7.80	12.78	7.84	12.77	7.87	12.74	7.91	12.72	7.95
16	13.69	8.28	13.67	8.32	13.64	8.36	13.62	8.40	13.59	8.44	13.57	8.48
17	14.55	8.80	14.52	8.84	14.49	8.88	14.47	8.92	14.44	8.97	14.42	9.01
18	15.40	9.32	15.37	9.36	15.35	9.41	15.32	9.45	15.29	9.49	15.26	9.54
19	16.26	9.84	16.23	9.88	16.20	9.93	16.17	9.97	16.14	10.02	16.11	10.07
20	17.11	10.35	17.08	10.40	17.05	10.45	17.02	10.50	16.99	10.55	16.96	10.60
21	17.97	10.87	17.94	10.92	17.91	10.97	17.87	11.02	17.84	11.08	17.81	11.13
22	18.82	11.39	18.79	11.44	18.76	11.50	18.72	11.55	18.69	11.60	18.66	11.66
23	19.68	11.90	19.65	11.96	19.61	12.02	19.58	12.07	19.54	12.13	19.51	12.19
24	20.53	12.42	20.50	12.48	20.46	12.54	20.43	12.60	20.39	12.66	20.35	12.72
25	21.39	12.94	21.35	13.00	21.32	13.06	21.28	13.12	21.24	13.19	21.20	13.25
26	22.24	13.46	22.21	13.52	22.17	13.59	22.13	13.65	22.09	13.71	22.05	13.78
27	23.11	13.97	23.06	14.04	23.02	14.11	22.98	14.17	22.94	14.24	22.90	14.31
28	23.97	14.49	23.92	14.56	23.87	14.63	23.83	14.70	23.79	14.77	23.75	14.84
29	24.82	15.01	24.77	15.08	24.73	15.15	24.68	15.22	24.64	15.30	24.59	15.37
30	25.67	15.53	25.62	15.60	25.58	15.68	25.53	15.75	25.49	15.82	25.44	15.90
31	26.53	16.04	26.48	16.12	26.43	16.20	26.38	16.27	26.34	16.35	26.29	16.43
32	27.38	16.56	27.33	16.64	27.28	16.72	27.24	16.80	27.19	16.88	27.14	16.96
33	28.24	17.08	28.19	17.16	28.14	17.24	28.09	17.32	28.04	17.41	27.99	17.49
34	29.09	17.60	29.04	17.68	28.99	17.77	28.94	17.85	28.89	17.93	28.83	18.02
35	29.95	18.13	29.90	18.20	29.84	18.29	29.79	18.37	29.74	18.46	29.68	18.55
36	30.80	18.65	30.75	18.72	30.70	18.81	30.64	18.90	30.59	18.98	30.53	19.08
37	31.66	19.18	31.60	19.24	31.55	19.33	31.49	19.42	31.43	19.52	31.38	19.61
38	32.52	19.67	32.46	19.76	32.40	19.86	32.34	19.95	32.28	20.04	32.23	20.14
39	33.37	20.18	33.31	20.28	33.25	20.38	33.19	20.47	33.13	20.57	33.07	20.67
40	34.23	20.70	34.17	20.80	34.11	20.90	34.04	21.00	33.98	21.10	33.92	21.20
41	35.08	21.23	35.02	21.32	34.96	21.42	34.90	21.52	34.83	21.63	34.77	21.73
42	35.94	21.74	35.87	21.84	35.81	21.95	35.75	22.05	35.68	22.15	35.62	22.26
43	36.79	22.25	36.73	22.36	36.66	22.47	36.60	22.57	36.53	22.68	36.47	22.79
44	37.66	22.77	37.58	22.89	37.52	22.99	37.45	23.10	37.38	23.21	37.31	23.32
45	38.51	23.29	38.44	23.40	38.37	23.51	38.30	23.62	38.23	23.74	38.16	23.85
46	39.36	23.81	39.29	23.92	39.22	24.04	39.15	24.15	39.08	24.26	39.01	24.38
47	40.22	24.32	40.15	24.44	40.07	24.56	40.00	24.67	39.93	24.79	39.86	24.91
48	41.07	24.84	41.00	24.96	40.93	25.08	40.85	25.20	40.78	25.32	40.71	25.44
49	41.93	25.36	41.85	25.48	41.78	25.60	41.70	25.72	41.63	25.85	41.55	25.97
50	42.78	25.88	42.71	26.00	42.63	26.13	42.56	26.25	42.48	26.37	42.40	26.50
51	43.64	26.39	43.56	26.52	43.48	26.65	43.41	26.77	43.33	26.90	43.25	27.03
52	44.49	26.91	44.42	27.04	44.34	27.17	44.26	27.30	44.18	27.43	44.10	27.56
53	45.35	27.43	45.27	27.56	45.19	27.69	45.11	27.82	45.03	27.95	44.95	28.09
54	46.21	27.95	46.12	28.08	46.04	28.22	45.96	28.35	45.88	28.48	45.79	28.62
55	47.06	28.46	46.98	28.60	46.90	28.74	46.81	28.87	46.73	29.01	46.64	29.15
56	47.92	28.98	47.83	29.12	47.75	29.26	47.66	29.40	47.58	29.54	47.49	29.68
57	48.77	29.49	48.69	29.64	48.60	29.78	48.51	29.92	48.43	30.06	48.34	30.21
58	49.63	30.02	49.54	30.16	49.45	30.31	49.36	30.45	49.28	30.59	49.19	30.74
59	50.48	30.54	50.40	30.68	50.31	30.83	50.22	30.97	50.13	31.12	50.03	31.27
60	51.34	31.05	51.25	31.20	51.16	31.35	51.07	31.50	50.98	31.65	50.88	31.80
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	32.20	31.57	32.10	31.72	32.01	31.87	31.92	[illegible]	31.83	32.17	31.73	[illegible]
62	33.05	32.09	32.96	32.24	32.86	32.40	32.77	32.5[illegible]	32.67	32.73	32.58	32.27
63	33.91	32.60	33.81	32.76	33.72	32.92	33.62	33.10	33.53	33.08	33.43	33.2[illegible]
64	34.76	33.12	34.67	33.28	34.57	33.44	34.47	33.6[illegible]	34.37	33.76	34.28	33.91
65	35.62	33.64	35.52	33.80	35.42	33.96	35.32	34.1[illegible]	35.22	34.28	35.12	34.4[illegible]
66	36.47	34.16	36.37	34.32	36.27	34.49	36.17	34.6[illegible]	36.07	34.81	35.97	34.9[illegible]
67	37.33	34.67	37.23	34.84	37.13	35.01	37.03	35.17	36.92	35.34	36.82	35.5[illegible]
68	38.19	35.19	38.08	35.36	37.98	35.53	37.88	35.70	37.77	35.87	37.67	36.0[illegible]
69	39.04	35.71	38.94	35.88	38.83	36.05	38.73	36.22	38.62	36.39	38.52	36.5[illegible]
70	39.90	36.23	39.79	36.40	39.68	36.58	39.58	36.75	39.47	36.92	39.36	37.0[illegible]
71	40.74	36.74	40.64	36.92	40.54	37.10	40.43	37.27	40.32	37.45	40.21	37.6[illegible]
72	41.61	37.26	41.50	37.44	41.39	37.62	41.28	37.80	41.17	37.98	41.06	38.1[illegible]
73	42.46	37.78	42.35	37.96	42.24	38.14	42.13	38.32	42.02	38.50	41.91	38.6[illegible]
74	43.32	38.30	43.21	38.48	43.10	38.67	42.98	38.85	42.87	39.04	42.76	39.2[illegible]
75	44.18	38.81	44.06	39.00	43.95	39.19	43.83	39.37	43.72	39.56	43.60	39.7[illegible]
76	45.03	39.33	44.92	39.52	44.80	39.71	44.68	39.9[illegible]	44.57	40.09	44.45	40.2[illegible]
77	45.89	39.85	45.77	40.04	45.65	40.23	45.54	40.42	45.42	40.61	45.30	40.8[illegible]
78	46.74	40.37	46.62	40.56	46.51	40.76	46.39	40.95	46.27	41.14	46.15	41.3[illegible]
79	47.60	40.88	47.48	41.08	47.36	41.28	47.24	41.47	47.12	41.67	47.00	41.8[illegible]
80	48.45	41.40	48.33	41.60	48.21	41.80	48.09	42.00	47.97	42.20	47.84	42.3[illegible]
81	49.31	41.92	49.19	42.12	49.06	42.33	48.94	42.52	48.82	42.72	48.69	42.9[illegible]
82	50.16	42.44	50.04	42.64	49.92	42.85	49.79	43.04	49.67	43.25	49.54	43.4[illegible]
83	51.02	42.95	50.89	43.16	50.77	43.37	50.64	43.57	50.52	43.78	50.39	43.9[illegible]
84	51.88	43.47	51.75	43.68	51.62	43.89	51.49	44.10	51.37	44.31	51.24	44.5[illegible]
85	52.73	43.99	52.60	44.20	52.47	44.41	52.35	44.62	52.22	44.83	52.09	45.0[illegible]
86	53.59	44.51	53.46	44.72	53.33	44.94	53.20	45.14	53.06	45.36	52.94	45.5[illegible]
87	54.44	45.03	54.31	45.24	54.18	45.46	54.05	45.67	53.91	45.88	53.78	46.1[illegible]
88	55.30	45.54	55.17	45.76	55.03	45.98	54.90	46.20	54.76	46.42	54.63	46.6[illegible]
89	56.15	46.06	56.02	46.28	55.88	46.50	55.75	46.72	55.61	46.94	55.48	47.1[illegible]
90	57.01	46.58	56.87	46.80	56.74	47.02	56.60	47.25	56.46	47.48	56.32	47.7[illegible]
91	57.87	47.10	57.73	47.32	57.59	47.55	57.45	47.77	57.31	48.00	57.17	48.2[illegible]
92	58.72	47.61	58.58	47.84	58.44	48.07	58.30	48.30	58.16	48.53	58.02	48.7[illegible]
93	59.58	48.13	59.44	48.36	59.30	48.59	59.15	48.82	59.01	49.05	58.87	49.2[illegible]
94	60.43	48.65	60.29	48.88	60.15	49.12	60.01	49.35	59.86	49.58	59.72	49.8[illegible]
95	61.29	49.17	61.14	49.40	61.00	49.64	60.86	49.87	60.71	50.11	60.56	50.3[illegible]
96	62.14	49.68	62.00	49.92	61.85	50.16	61.71	50.40	61.56	50.64	61.41	50.8[illegible]
97	63.00	50.20	62.85	50.44	62.71	50.68	62.56	50.92	62.41	51.16	62.26	51.4[illegible]
98	63.86	50.72	63.71	50.96	63.56	51.21	63.41	51.45	63.26	51.69	63.11	51.9[illegible]
99	64.71	51.24	64.56	51.48	64.41	51.73	64.26	51.97	64.11	52.22	63.96	52.4[illegible]
100	65.57	51.75	65.42	52.00	65.26	52.25	65.11	52.50	64.96	52.73	64.81	52.9[illegible]
01	66.42	52.27	66.27	52.52	66.12	52.77	65.96	53.02	65.81	53.27	65.65	53.5[illegible]
02	67.28	52.79	67.12	53.04	66.97	53.30	66.81	53.55	66.66	53.80	66.50	54.0[illegible]
03	68.13	53.31	67.98	53.56	67.82	53.82	67.67	54.07	67.51	54.33	67.35	54.5[illegible]
04	68.99	53.82	68.83	54.08	68.67	54.34	68.52	54.60	68 36	54.85	68.20	55.1[illegible]
05	69.85	54.34	69.69	54.60	69.53	54.86	69.37	55.12	69.21	55.38	69.05	55.6[illegible]
06	70.70	54.86	70.54	55.12	70.38	55.39	70.22	55.65	70.06	55.91	69.8[illegible]	56.1[illegible]
07	71.56	55.38	71.39	55.64	71.23	55.91	71.07	56.17	70.91	56.44	70.74	56.7[illegible]
08	72.41	55.89	72.25	56.16	72.09	56.43	71.92	56.70	71.76	56.96	71.59	57.2[illegible]
09	73.27	56.41	73.10	56.68	72.94	56.95	72.77	57.22	72.61	57.49	72.44	57.7[illegible]
110	74.12	56.93	73.96	57.20	73.79	57.48	73.62	57.75	73.45	58.02	73.29	58.2[illegible]
11	74.98	57.45	74.81	57.72	74.64	58.00	74.47	58.27	74.30	58.55	74.13	58.8[illegible]
12	75.84	57.96	75.66	58.24	75.50	58.52	75.33	58.80	75.15	59.07	74.98	59.3[illegible]
13	76.69	58.48	76.52	58.76	76.35	59.04	76.18	59.32	76.00	59.60	75.83	59.8[illegible]
14	77.55	59.00	77.37	59.28	77.20	59.57	77.03	59.85	76.85	60.13	76.68	60.4[illegible]
15	78.40	59.52	78.23	59.80	78.05	60.09	77.88	60.37	77.70	60.66	77.53	60.9[illegible]
16	79.26	60.03	79.08	60.32	78.91	60.61	78.73	60.90	78.55	61.18	78.37	61.4[illegible]
17	80.11	60.55	79.94	60.84	79.76	61.13	79.58	61.42	79.40	61.71	79.22	62.0[illegible]
18	80.97	61.07	80.79	61.36	80.61	61.66	80.43	61.95	80.25	62.24	80.07	62.5[illegible]
19	81.82	61.59	81.64	61.88	81.46	62.18	81.28	62.47	81.10	62.77	80.92	63.0[illegible]
120	82.68	62.10	82.50	62.40	82.32	62.70	82.13	63.00	81.95	63.29	81.77	63.5[illegible]

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	103.54	62.62	103.35	62.92	103.17	63.22	102.99	63.52	102.80	63.82	102.61	64.12
22	104.39	63.14	104.21	63.44	104.02	63.75	103.84	64.05	103.65	64.35	103.46	64.65
23	105.25	63.66	105.06	63.96	104.87	64.27	104.69	64.57	104.50	64.88	104.31	65.18
24	106.10	64.17	105.91	64.48	105.73	64.79	105.54	65.10	105.35	65.40	105.16	65.71
25	106.96	64.69	106.77	65.00	106.58	65.31	106.39	65.62	106.20	65.93	106.01	66.24
26	107.81	65.21	107.62	65.52	107.43	65.84	107.24	66.15	107.05	66.46	106.85	66.77
27	108.67	65.73	108.48	66.04	108.29	66.36	108.09	66.67	107.90	66.99	107.70	67.30
28	109.53	66.24	109.33	66.56	109.14	66.88	108.94	67.20	108.75	67.51	108.55	67.83
29	110.38	66.76	110.19	67.08	109.99	67.40	109.79	67.72	109.60	68.04	109.40	68.36
130	111.24	67.28	111.04	67.60	110.84	67.93	110.65	68.25	110.45	68.57	110.25	68.89
31	112.09	67.80	111.89	68.12	111.70	68.45	111.50	68.77	111.30	69.10	111.09	69.42
32	112.95	68.31	112.75	68.64	112.55	68.97	112.35	69.30	112.15	69.62	111.94	69.95
33	113.80	68.83	113.60	69.16	113.40	69.49	113.20	69.82	113.00	70.15	112.79	70.48
34	114.66	69.35	114.46	69.68	114.25	70.02	114.05	70.35	113.85	70.68	113.64	71.01
35	115.52	69.87	115.31	70.20	115.11	70.54	114.90	70.87	114.69	71.21	114.49	71.54
36	116.37	70.38	116.16	70.72	115.96	71.06	115.75	71.40	115.54	71.73	115.33	72.07
37	117.23	70.90	117.02	71.24	116.81	71.58	116.60	71.92	116.39	72.26	116.18	72.60
38	118.08	71.42	117.87	71.76	117.66	72.11	117.45	72.45	117.24	72.79	117.03	73.13
39	118.94	71.94	118.73	72.28	118.52	72.63	118.31	72.97	118.09	73.32	117.88	73.66
140	119.79	72.45	119.58	72.80	119.37	73.15	119.16	73.50	118.94	73.84	118.73	74.19
41	120.65	72.97	120.44	73.32	120.22	73.67	120.01	74.02	119.79	74.37	119.58	74.72
42	121.51	73.49	121.29	73.84	121.07	74.20	120.86	74.55	120.64	74.90	120.42	75.25
43	122.36	74.01	122.14	74.36	121.93	74.72	121.71	75.07	121.49	75.43	121.27	75.78
44	123.22	74.52	123.00	74.88	122.78	75.24	122.56	75.60	122.34	75.95	122.12	76.31
45	124.07	75.04	123.85	75.40	123.63	75.76	123.41	76.12	123.19	76.48	122.97	76.84
46	124.93	75.56	124.71	75.92	124.49	76.28	124.26	76.65	124.04	77.01	123.82	77.37
47	125.78	76.08	125.56	76.44	125.34	76.81	125.11	77.17	124.89	77.54	124.66	77.90
48	126.64	76.59	126.41	76.96	126.19	77.33	125.97	77.70	125.74	78.06	125.51	78.43
49	127.49	77.11	127.27	77.48	127.04	77.85	126.82	78.22	126.59	78.59	126.36	78.96
150	128.35	77.63	128.12	78.00	127.90	78.38	127.67	78.75	127.44	79.12	127.21	79.49
51	129.21	78.15	128.98	78.52	128.75	78.90	128.52	79.27	128.29	79.64	128.06	80.02
52	130.06	78.66	129.83	79.04	129.60	79.42	129.37	79.80	129.14	80.17	128.90	80.55
53	130.92	79.18	130.68	79.56	130.45	79.94	130.22	80.32	129.99	80.70	129.75	81.08
54	131.77	79.70	131.54	80.08	131.31	80.47	131.07	80.85	130.84	81.23	130.60	81.61
55	132.63	80.22	132.39	80.60	132.16	80.99	131.92	81.37	131.69	81.75	131.45	82.14
56	133.48	80.73	133.25	81.12	133.01	81.51	132.77	81.90	132.54	82.28	132.30	82.67
57	134.34	81.25	134.10	81.64	133.86	82.03	133.63	82.42	133.39	82.81	133.14	83.20
58	135.20	81.77	134.96	82.16	134.72	82.56	134.48	82.95	134.24	83.34	133.99	83.73
59	136.05	82.29	135.81	82.68	135.57	83.08	135 33	83.47	135.08	83.86	134.84	84.26
160	136.91	82.80	136.66	83.20	136.42	83.60	136.18	84.00	135.93	84.39	135.69	84.79
61	137.76	83.32	137.52	83.72	137.28	84.12	137.03	84.52	136.78	84.92	136.54	85.32
62	138.62	83.84	138.37	84.24	138.13	84.65	137.88	85.05	137.63	85.45	137.38	85.85
63	139.47	84.36	139.23	84.76	138.98	85.17	138.73	85.57	138.48	85.97	138.23	86.38
64	140.33	84.87	140.08	85.28	139.83	85.69	139.58	86.10	139.33	86.50	139.08	86.91
65	141.19	85.39	140.93	85.80	140.69	86.21	140.43	86.62	140,18	87.03	139.93	87.44
66	142.04	85.91	141.79	86.32	141.54	86.74	141.29	87,15	141.03	87.56	140,78	87.97
67	142.90	86.43	142.64	86.84	142.39	87.26	142.14	87.67	141.88	88.08	141,62	88.50
68	143.75	86,95	143.50	87.36	143.24	87.78	142.99	88,20	142,73	88.61	142.47	89.03
69	144.61	87,46	144.35	87.88	144.10	88.30	143.84	88.72	143.58	89,14	143.32	89.56
170	145.46	87.98	145.21	88.40	144.95	88.83	144.69	89.25	144.43	89.67	144,17	90.09
71	146.32	88.50	146.06	88.92	145.80	89.35	145.54	89.77	145.28	90.19	145,02	90.62
72	147.18	89.02	146.91	89.44	146.65	89.87	146.39	90.30	146.13	90.72	145.86	91.15
73	148.03	89.53	147.77	89.96	147.51	90.39	147.24	90.82	146.98	91.25	146.71	91.68
74	148.89	90.05	148.62	90.48	148.35	90.92	148.09	91.35	147.83	91.78	147.56	92.21
75	149.74	90.57	149.48	91.00	149.21	91.44	148.95	91.87	148.68	92 30	148.41	92.74
76	150.60	91.09	150.33	91.52	150.06	91.96	149.80	92.40	149.53	92.83	149.26	93.27
77	151.45	91.60	151.18	92.04	150.92	92.48	150.65	92.92	150.38	93.36	150.10	93.80
78	152.31	92.12	152.04	92.56	151.77	93.01	151.50	93.45	151.23	93.89	150.95	94.33
79	153.16	92.64	152.89	93.08	152.62	93.53	152.35	93.97	152.08	94.41	151.80	94.86
180	154.02	93.16	153.75	93.60	153.48	9 4.05	153.20	94.50	152.93	94.94	152.65	95.39
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	154.88	93.67	154.60	94.12	154.33	94.57	154.05	95.02	153.78	95.47	153.50	95.92
82	155.73	94.19	155.46	94.64	155.18	95.10	154.90	95.55	154.63	96.00	154.35	96.45
83	156.59	94.71	156.31	95.16	156.03	95.62	155.75	96.07	155.47	96.52	155.19	96.98
84	157.44	95.23	157.16	95.68	156.89	96.14	156.61	96.69	156.32	97.05	156.04	97.51
85	158.30	95.74	158.02	96.20	157.74	96.66	157.46	97.12	157.17	97.58	156.89	98.04
86	159.15	96.26	158.87	96.72	158.59	97.19	158.31	97.65	158.02	98.11	157.74	98.57
87	160.01	96.78	159.73	97.24	159.44	97.71	159.16	98.17	158.87	98.63	158.59	99.10
88	160.87	97.30	160.58	97.76	160.30	98.23	160.01	98.70	159.72	99.16	159.43	99.63
89	161.72	97.81	161.43	98.28	161.15	98.75	160.86	99.22	160.57	99.69	160.28	100.15
190	162.58	98.33	162.29	98.80	162.00	99.28	161.71	99.75	161.42	100.22	161.13	100.68
91	163.43	98.85	163.14	99.32	162.85	99.80	162.56	100.27	162.27	100.74	161.98	101.21
92	164.29	99.37	164.00	99.84	163.71	100.32	163.42	100.80	163.12	101.27	162.83	101.74
93	165.14	99.88	164.85	100.36	164.56	100.84	164.27	101.32	163.97	101.80	163.67	102.27
94	166.00	100.40	165.71	100.88	165.41	101.37	165.12	101.85	164.82	102.33	164.52	102.80
95	166.86	100.92	166.56	101.40	166.26	101.89	165.97	102.37	165.67	102.85	165.37	103.33
96	167.71	101.44	167.41	101.92	167.12	102.41	166.82	102.90	166.52	103.38	166.22	103.86
97	168.57	101.95	168.27	102.44	167.97	102.93	167.67	103.42	167.37	103.91	167.07	104.39
98	169.42	102.47	169.12	102.96	168.82	103.46	168.52	103.95	168.22	104.44	167.91	104.92
99	170.28	102.99	169.98	103.48	169.68	103.98	169.37	104.47	169.07	104.96	168.76	105.45
200	171.13	103.51	170.83	104.00	170.53	104.50	170.22	105.00	169.92	105.49	169.61	105.98
01	171.99	104.02	171.68	104.52	171.38	105.02	171.08	105.52	170.77	106.02	170.46	106.51
02	172.85	104.54	172.54	105.04	172.23	105.55	171.93	106.05	171.62	106.54	171.31	107.04
03	173.70	105.06	173.39	105.56	173.09	106.07	172.78	106.57	172.47	107.07	172.15	107.57
04	174.56	105.58	174.25	106.08	173.94	106.59	173.63	107.10	173.32	107.60	173.00	108.10
05	175.41	106.09	175.10	106.60	174.79	107.11	174.48	107.62	174.17	108.13	173.85	108.63
06	176.27	106.61	175.95	107.12	175.64	107.64	175.33	108.15	175.02	108.65	174.70	109.16
07	177.12	107.13	176.81	107.64	176.50	108.16	176.18	108.67	175.87	109.18	175.55	109.69
08	177.98	107.65	177.66	108.16	177.35	108.68	177.03	109.20	176.71	109.71	176.39	110.22
09	178.84	108.16	178.52	108.68	178.20	109.20	177.88	109.72	177.56	110.24	177.24	110.75
210	179.69	108.68	179.37	109.20	179.05	109.73	178.74	110.25	178.41	110.76	178.09	111.28
11	180.55	109.20	180.23	109.72	179.91	110.25	179.59	110.77	179.26	111.29	178.94	111.81
12	181.40	109.72	181.08	110.24	180.76	110.77	180.44	111.30	180.11	111.82	179.79	112.34
13	182.26	110.23	181.93	110.76	181.61	111.29	181.29	111.82	180.96	112.35	180.63	112.87
14	183.11	110.75	182.79	111.28	182.46	111.82	182.14	112.35	181.81	112.87	181.48	113.40
15	183.97	111.27	183.64	111.80	183.32	112.34	182.99	112.87	182.66	113.40	182.33	113.93
16	184.82	111.79	184.50	112.32	184.17	112.86	183.84	113.40	183.51	113.93	183.18	114.46
17	185.68	112.30	185.35	112.84	185.02	113.38	184.69	113.92	184.36	114.46	184.03	114.99
18	186.54	112.82	186.20	113.36	185.88	113.91	185.54	114.45	185.21	114.98	184.87	115.52
19	187.49	113.34	187.06	113.88	186.73	114.43	186.40	114.97	186.06	115.51	185.72	116.05
220	188.25	113.76	187.91	114.40	187.58	114.95	187.25	115.50	186.91	116.04	186.57	116.58
21	189.10	114.97	188.77	114.92	188.43	115.47	188.10	116.02	187.76	116.57	187.42	117.11
22	189.96	114.89	189.62	115.44	189.29	116.00	188.95	116.55	188.61	117.09	188.27	117.64
23	190.81	115.41	190.48	115.96	190.14	116.52	189.80	117.07	189.46	117.62	189.12	118.17
24	191.67	115.93	191.33	116.48	190.99	117.04	190.65	117.60	190.31	118.15	189.96	118.70
25	192.53	116.44	192.18	117.00	191.84	117.56	191.50	118.12	191.16	118.68	190.81	119.23
26	193.38	116.96	193.04	117.52	192.70	118.09	192.35	118.65	192.01	119.20	191.66	119.76
27	194.24	117.48	193.89	118.04	193.55	118.61	193.20	119.17	192.86	119.73	192.51	120.29
28	195.09	118.00	194.75	118.56	194.40	119.13	194.06	119.70	193.71	120.26	193.36	120.82
29	195.95	118.51	195.50	119.08	195.25	119.65	194.91	120.22	194.56	120.79	194.20	121.35
230	196.80	119.03	196.45	119.60	196.11	120.18	195.76	120.75	195.41	121.31	195.05	121.88
31	197.66	119.55	197.31	120.12	196.96	120.70	196.61	121.27	196.26	121.84	195.90	122.41
32	198.52	120.07	198.16	120.64	197.81	121.22	197.46	121.80	197.10	122.37	196.75	122.94
33	199.37	120.58	199.02	121.16	198.67	121.74	198.31	122.32	197.95	122.90	197.60	123.47
34	200.23	121.10	199.87	121.68	199.52	122.27	199.16	122.85	198.80	123.42	198.44	124.09
35	201.08	121.62	200.73	122.20	200.37	122.79	200.01	123.37	199.65	123.95	199.29	124.53
36	201.94	122.14	201.58	122.72	201.22	123.31	200.86	123.90	200.50	124.48	200.14	125.06
37	202.79	122.65	202.43	123.24	202.08	123.83	201.72	124.42	201.35	125.01	200.99	125.59
38	203.65	123.17	203.29	123.76	202.93	124.36	202.57	124.95	202.20	125.53	201.84	126.12
39	204.51	123.69	204.14	124.28	203.78	124.88	203.42	125.47	203.05	126.06	202.68	126.65
240	205.36	124.21	205.00	124.80	204.63	125.40	204.27	126.00	203.90	126.59	203.53	127.18

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

☉	10'		20'		30'		40'		50'		60'	
☽	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
0	205.35	124.72	205.86	126.13	206.40	126.92	206.15	126.58	206.75	127.12	206.38	127.71
1	206.37	125.34	206.70	125.94	206.54	126.48	206.97	127.05	206.88	127.64	206.23	128.26
2	207.38	125.96	207.54	126.32	207.19	126.97	206.82	127.57	206.88	128.17	206.07	128.77
3	208.38	126.58	208.41	126.88	208.04	127.45	207.67	128.10	207.20	128.70	206.82	129.30
4	209.38	127.20	209.27	127.40	208.80	128.01	208.52	128.62	208.13	129.23	207.77	129.83
5	210.49	127.82	210.13	127.93	209.75	128.56	209.38	129.15	209.00	129.75	208.82	130.36
6	211.38	128.44	210.98	128.46	210.60	129.08	210.23	129.67	209.85	130.28	209.47	130.89
7	212.38	129.06	211.83	128.96	211.45	129.58	211.08	130.20	210.70	130.81	210.32	131.42
8	213.38	129.68	212.68	129.48	212.31	130.10	211.93	130.72	211.55	131.34	211.16	131.96
9	214.38	130.30	213.54	130.01	213.16	130.63	212.78	131.25	212.40	131.86	212.01	132.48
10	215.38	130.92	214.39	130.53	214.01	131.15	213.63	131.77	213.25	132.39	212.86	133.01
11	216.38	131.54	215.24	131.05	214.87	131.67	214.48	132.29	214.10	132.92	213.71	133.54
12	217.48	132.16	216.10	131.57	215.72	132.19	215.33	132.82	214.95	133.45	214.56	134.07
13	218.37	132.78	216.95	132.09	216.57	132.72	216.18	133.34	215.80	133.97	215.40	134.60
14	219.36	133.40	217.80	132.61	217.42	133.24	217.04	133.87	216.65	134.50	216.25	135.13
15	220.36	134.02	218.66	133.13	218.28	133.76	217.89	134.39	217.50	135.03	217.10	135.66
16	221.35	134.64	219.52	133.65	219.13	134.28	218.74	134.92	218.34	135.55	217.93	136.19
17	222.34	135.26	220.37	134.17	219.98	134.81	219.59	135.44	219.19	136.08	218.80	136.72
18	223.33	135.88	221.23	134.69	220.83	135.33	220.44	135.97	220.04	136.61	219.64	137.25
19	224.32	136.50	222.08	135.21	221.69	135.86	221.29	136.49	220.89	137.14	220.49	137.78
20	225.31	137.12	222.93	135.73	222.54	136.37	222.14	137.02	221.74	137.66	221.34	138.31
21	226.30	137.74	223.79	136.25	223.39	136.90	222.99	137.54	222.59	138.19	222.19	138.84
22	227.29	138.36	224.64	136.77	224.24	137.42	223.84	138.07	223.44	138.72	223.04	139.37
23	228.28	138.98	225.50	137.29	225.10	137.94	224.70	138.59	224.29	139.25	223.89	139.90
24	229.28	139.60	226.35	137.81	225.95	138.46	225.55	139.12	225.14	139.77	224.73	140.43
25	230.27	140.22	227.20	138.33	226.80	138.99	226.40	139.64	226.00	140.30	226.58	140.96
26	231.26	140.84	228.06	138.85	227.65	139.51	227.25	140.17	226.84	140.83	226.43	141.49
27	232.25	141.46	228.91	139.37	228.51	140.03	228.10	140.69	227.69	141.36	227.28	142.02
28	233.24	142.08	229.77	139.89	229.36	140.55	228.95	141.22	228.54	141.88	228.13	142.55
29	234.23	142.70	230.62	140.41	230.21	141.08	229.80	141.74	229.39	142.41	228.97	143.08
30	235.22	143.32	231.47	140.93	231.07	141.60	230.65	142.27	230.24	142.94	229.82	143.61
31	236.21	143.94	232.33	141.45	231.92	142.12	231.50	142.79	231.09	143.47	230.67	144.14
32	237.20	144.56	233.18	141.97	232.77	142.64	232.36	143.32	231.94	143.99	231.52	144.67
33	238.19	145.18	234.04	142.49	233.62	143.17	233.21	143.84	232.79	144.52	232.37	145.20
34	239.18	145.80	234.89	143.01	234.48	143.69	234.06	144.37	233.64	145.05	233.21	145.73
35	240.16	146.42	235.75	143.53	235.33	144.21	234.91	144.89	234.48	145.58	234.06	146.26
36	241.15	147.04	236.60	144.05	236.18	144.73	235.76	145.42	235.33	146.10	234.91	146.79
37	242.14	147.66	237.45	144.57	237.03	145.26	236.61	145.94	236.19	146.63	235.76	147.32
38	243.13	148.28	238.31	145.09	237.89	145.78	237.46	146.47	237.04	147.16	236.61	147.85
39	244.12	148.90	239.16	145.61	238.74	146.30	238.31	146.99	237.89	147.69	237.45	148.38
40	245.11	149.52	240.02	146.13	239.59	146.82	239.16	147.52	238.73	148.21	238.30	148.91
41	246.10	150.14	240.87	146.65	240.44	147.35	240.02	148.04	239.58	148.74	239.15	149.44
42	247.15	150.76	241.72	147.17	241.30	147.87	240.87	148.57	240.43	149.27	240.00	149.97
43	248.08	151.38	242.58	147.69	242.15	148.39	241.72	149.09	241.28	149.80	240.85	150.50
44	249.07	152.00	243.43	148.21	243.00	148.91	242.57	149.62	242.13	150.32	241.69	151.03
45	250.06	152.62	244.29	148.73	243.86	149.43	243.42	150.14	242.98	150.85	242.54	151.56
46	251.05	153.24	245.14	149.25	244.71	149.96	244.27	150.67	243.83	151.38	243.39	152.09
47	252.04	153.86	246.00	149.77	245.56	150.48	245.12	151.19	244.68	151.91	244.24	152.62
48	253.03	154.48	246.86	150.29	246.41	151.00	245.97	151.72	245.53	152.43	245.09	153.15
49	254.02	155.10	247.70	150.81	247.27	151.53	246.82	152.24	246.38	152.96	245.93	153.68
50	255.01	155.72	248.56	151.33	248.12	152.05	247.68	152.77	247.23	153.49	246.78	154.21
51	256.00	156.34	249.41	151.85	248.97	152.57	248.53	153.29	248.08	154.02	247.63	154.74
52	256.99	156.96	250.27	152.37	249.82	153.09	249.38	153.82	248.93	154.54	248.48	155.27
53	257.98	157.58	251.12	152.89	250.68	153.62	250.23	154.34	249.78	155.07	249.33	155.80
54	258.97	158.20	251.97	153.41	251.53	154.14	251.08	154.87	250.63	155.60	250.17	156.33
55	259.96	158.82	252.83	153.93	252.38	154.66	251.93	155.39	251.48	156.13	251.02	156.86
56	260.95	159.44	253.68	154.45	253.23	155.18	252.78	155.92	252.33	156.65	251.87	157.39
57	261.94	160.06	254.54	154.97	254.09	155.71	253.63	156.44	253.18	157.18	252.72	157.92
58	262.93	160.68	255.39	155.49	254.94	156.23	254.48	156.97	254.03	157.71	253.57	158.45
59	263.92	161.30	256.25	156.01	255.79	156.75	255.34	157.49	254.88	158.24	254.42	158.98
60	264.91	161.92	257.10	156.53	256.64	157.28	256.19	158.02	255.73	158.76	255.27	159.51

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Div.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.85	0.53	0.84	0.53	0.84	0.54	0.84	0.54	0.84	0.54	0.84	0.54
2	1.69	1.06	1.69	1.07	1.69	1.07	1.68	1.08	1.68	1.08	1.68	1.09
3	2.54	1.60	2.53	1.60	2.53	1.61	2.53	1.62	2.52	1.63	2.52	1.63
4	3.39	2.13	3.38	2.14	3.37	2.15	3.37	2.16	3.36	2.17	3.35	2.18
5	4.23	2.66	4.22	2.67	4.22	2.69	4.21	2.70	4.20	2.71	4.19	2.72
6	5.08	3.19	5.07	3.21	5.06	3.22	5.05	3.24	5.04	3.25	5.03	3.27
7	5.93	3.73	5.91	3.74	5.90	3.76	5.89	3.78	5.88	3.80	5.87	3.81
8	6.77	4.26	6.76	4.28	6.75	4.30	6.73	4.32	6.72	4.34	6.71	4.36
9	7.62	4.79	7.60	4.81	7.59	4.84	7.58	4.86	7.56	4.88	7.55	4.90
10	8.47	5.32	8.45	5.35	8.43	5.37	8.42	5.40	8.40	5.42	8.39	5.45
11	9.31	5.86	9.29	5.88	9.28	5.91	9.26	5.94	9.24	5.96	9.23	5.99
12	10.16	6.39	10.14	6.42	10.12	6.45	10.10	6.48	10.08	6.51	10.06	6.54
13	11.00	6.92	10.98	6.95	10.96	6.98	10.94	7.02	10.92	7.05	10.90	7.08
14	11.85	7.45	11.83	7.49	11.81	7.52	11.79	7.56	11.76	7.59	11.74	7.62
15	12.70	7.99	12.67	8.02	12.65	8.06	12.63	8.10	12.60	8.13	12.58	8.17
16	13.54	8.52	13.52	8.56	13.49	8.60	13.47	8.64	13.44	8.68	13.42	8.71
17	14.39	9.05	14.36	9.09	14.34	9.13	14.31	9.18	14.28	9.22	14.26	9.26
18	15.24	9.58	15.21	9.63	15.18	9.67	15.15	9.72	15.12	9.76	15.10	9.80
19	16.08	10.12	16.05	10.16	16.02	10.21	15.99	10.26	15.96	10.30	15.93	10.35
20	16.93	10.65	16.90	10.70	16.87	10.75	16.84	10.80	16.81	10.84	16.77	10.89
21	17.78	11.18	17.74	11.23	17.71	11.28	17.68	11.33	17.65	11.39	17.61	11.44
22	18.62	11.71	18.59	11.77	18.55	11.82	18.52	11.87	18.49	11.93	18.45	11.98
23	19.47	12.24	19.43	12.30	19.40	12.36	19.36	12.41	19.33	12.47	19.29	12.53
24	20.32	12.78	20.28	12.84	20.24	12.90	20.20	12.95	20.17	13.01	20.13	13.07
25	21.16	13.31	21.12	13.37	21.08	13.43	21.05	13.49	21.01	13.56	20.97	13.62
26	22.01	13.84	21.97	13.91	21.93	13.97	21.89	14.03	21.85	14.10	21.81	14.16
27	22.86	14.37	22.81	14.44	22.77	14.51	22.73	14.57	22.69	14.64	22.64	14.71
28	23.70	14.91	23.66	14.98	23.61	15.04	23.57	15.11	23.53	15.18	23.48	15.25
29	24.55	15.44	24.50	15.51	24.46	15.58	24.41	15.65	24.37	15.72	24.32	15.79
30	25.40	15.97	25.35	16.05	25.30	16.12	25.25	16.19	25.21	16.27	25.16	16.34
31	26.24	16.50	26.19	16.58	26.15	16.66	26.10	16.73	26.05	16.81	26.00	16.88
32	27.09	17.04	27.04	17.11	26.99	17.19	26.94	17.27	26.89	17.35	26.84	17.43
33	27.93	17.57	27.88	17.65	27.83	17.73	27.78	17.81	27.73	17.89	27.68	17.97
34	28.78	18.10	28.73	18.18	28.68	18.27	28.62	18.35	28.57	18.43	28.51	18.52
35	29.63	18.63	29.57	18.72	29.52	18.81	29.46	18.89	29.41	18.98	29.35	19.06
36	30.47	19.17	30.42	19.25	30.36	19.34	30.31	19.43	30.25	19.52	30.19	19.61
37	31.32	19.70	31.26	19.79	31.21	19.88	31.15	19.97	31.09	20.06	31.03	20.15
38	32.17	20.23	32.11	20.32	32.05	20.42	31.99	20.51	31.93	20.60	31.87	20.70
39	33.01	20.76	32.96	20.86	32.89	20.95	32.83	21.05	32.77	21.15	32.71	21.24
40	33.86	21.30	33.80	21.39	33.74	21.49	33.67	21.59	33.61	21.69	33.55	21.79
41	34.71	21.83	34.64	21.93	34.58	22.03	34.51	22.13	34.45	22.23	34.39	22.33
42	35.55	22.36	35.49	22.46	35.42	22.57	35.36	22.67	35.29	22.77	35.22	22.88
43	36.40	22.89	36.33	23.00	36.27	23.10	36.20	23.21	36.13	23.31	36.06	23.42
44	37.25	23.42	37.18	23.53	37.11	23.64	37.04	23.75	36.97	23.86	36.90	23.97
45	38.09	23.96	38.02	24.07	37.95	24.18	37.88	24.29	37.81	24.40	37.74	24.51
46	38.94	24.49	38.87	24.60	38.80	24.72	38.72	24.83	38.65	24.94	38.58	25.05
47	39.79	25.02	39.71	25.14	39.64	25.25	39.57	25.37	39.49	25.48	39.42	25.60
48	40.63	25.55	40.56	25.67	40.48	25.79	40.41	25.91	40.33	26.03	40.26	26.14
49	41.48	26.09	41.40	26.21	41.33	26.33	41.25	26.45	41.17	26.57	41.09	26.69
50	42.33	26.62	42.25	26.74	42.17	26.87	42.09	26.99	42.01	27.11	41.93	27.23
51	43.17	27.15	43.09	27.28	43.01	27.40	42.93	27.53	42.85	27.65	42.77	27.78
52	44.02	27.68	43.94	27.81	43.86	27.94	43.77	28.07	43.69	28.19	43.61	28.32
53	44.86	28.22	44.78	28.35	44.70	28.48	44.62	28.61	44.53	28.74	44.45	28.87
54	45.71	28.75	45.63	28.88	45.54	29.01	45.46	29.15	45.37	29.28	45.29	29.41
55	46.56	29.28	46.47	29.42	46.39	29.55	46.30	29.69	46.21	29.82	46.13	29.96
56	47.40	29.81	47.32	29.95	47.23	30.09	47.14	30.23	47.05	30.36	46.97	30.50
57	48.25	30.35	48.16	30.49	48.07	30.63	47.98	30.77	47.89	30.91	47.80	31.05
58	49.10	30.88	49.01	31.02	48.92	31.16	48.83	31.31	48.73	31.45	48.64	31.59
59	49.94	31.41	49.85	31.56	49.76	31.70	49.67	31.85	49.57	31.99	49.48	32.13
60	50.79	31.94	50.70	32.09	50.60	32.24	50.51	32.39	50.42	32.53	50.32	32.68

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	51.64	32.48	51.54	32.63	51.45	32.78	51.35	32.92	51.26	33.07	51.16	33.22
62	52.[illegible]	33.01	52.39	33.16	52.29	33.31	52.19	33.46	52.10	33.62	52.00	33.77
63	53.3[illegible]	33.54	53.23	33.69	53.13	33.85	53.03	34.00	52.94	34.16	52.84	34.31
64	54.[illegible]	34.07	54.08	34.23	53.98	34.39	53.88	34.54	53.78	34.70	53.67	34.86
65	55.0[illegible]	34.60	54.92	34.76	54.82	34.92	54.72	35.08	54.62	35.24	54.51	35.40
66	55.8[illegible]	35.14	55.77	35.30	55.66	35.46	55.56	35.62	55.46	35.79	55.35	35.95
67	56.7[illegible]	35.67	56.61	35.83	56.51	36.00	56.40	36.16	56.30	36.33	56.19	36.49
68	57.5[illegible]	36.20	57.46	36.37	57.35	36.54	57.24	36.70	57.14	36.87	57.03	37.04
69	58.4[illegible]	36.73	58.30	36.90	58.19	37.07	58.09	37.24	57.98	37.41	57.87	37.58
70	59.2[illegible]	37.27	59.15	37.44	59.04	37.61	58.93	37.78	58.82	37.95	58.71	38.13
71	60.1[illegible]	37.80	59.99	37.97	59.88	38.15	59.77	38.32	59.66	38.50	59.55	38.67
72	60.9[illegible]	38.33	60.84	38.51	60.72	38.69	60.61	38.86	60.50	39.04	60.38	39.21
73	61.7[illegible]	38.86	61.68	39.04	61.57	39.22	61.45	39.40	61.34	39.58	61.22	39.76
74	62.64	39.40	62.53	39.58	62.41	39.76	62.29	39.94	62.18	40.12	62.06	40.30
75	63.49	39.93	63.37	40.11	63.25	40.30	63.14	40.48	63.02	40.67	62.90	40.85
76	64.33	40.46	64.22	40.65	64.10	40.83	63.98	41.02	63.86	41.21	63.74	41.39
77	65.18	40.99	65.06	41.18	64.94	41.37	64.82	41.56	64.70	41.75	64.58	41.94
78	66.03	41.53	65.91	41.72	65.78	41.91	65.66	42.10	65.54	42.29	65.42	42.48
79	66.87	42.06	66.75	42.25	66.63	42.45	66.50	42.64	66.38	42.83	66.25	43.03
80	67.72	42.59	67.60	42.79	67.47	42.98	67.35	43.18	67.22	43.38	67.09	43.57
81	68.57	43.12	68.44	43.32	68.31	43.52	68.19	43.72	68.06	43.92	67.93	44.12
82	69.41	43.66	69.29	43.86	69.16	44.06	69.03	44.26	68.90	45.46	68.77	44.66
83	70.26	44.19	70.13	44.39	70.00	44.60	69.87	44.80	69.74	45.00	69.61	45.21
84	71.11	44.72	70.98	44.93	70.84	45.13	70.71	45.34	70.58	45.54	70.45	45.75
85	71.9[illegible]	45.25	71.82	45.46	71.69	45.67	71.55	45.88	71.42	46.09	71.29	46.29
86	72.80	45.78	72.67	46.00	72.53	46.21	72.40	46.42	72.26	46.63	72.13	46.84
87	73.65	46.32	73.51	46.53	73.37	46.75	73.24	46.96	73.10	47.17	72.96	47.38
88	74.49	46.85	74.36	47.07	74.22	47.28	74.08	47.50	73.94	47.71	73.80	47.93
89	75.34	47.38	75.20	47.60	75.06	47.82	74.92	48.04	74.78	48.26	74.64	48.47
90	76.19	47.91	76.05	48.14	75.91	48.36	75.76	48.58	75.62	48.80	75.48	49.02
91	77.03	48.45	76.89	48.67	76.75	48.89	76.61	49.12	76.46	49.34	76.32	49.56
92	77.88	48.98	77.74	49.21	77.59	49.43	77.45	49.66	77.30	49.88	77.16	50.11
93	78.72	49.51	78.58	49.74	78.44	49.97	78.29	50.20	78.14	50.42	78.00	50.65
94	79.47	50.04	79.43	50.27	79.28	50.51	79.13	50.74	78.98	50.97	78.83	51.20
95	80.42	50.58	80.27	50.81	80.12	51.04	79.97	51.28	79.82	51.51	79.67	51.74
96	81.2[illegible]	51.11	81.12	51.34	80.97	51.58	80.81	51.82	80.66	52.05	80.51	52.29
97	82.11	51.64	81.96	51.88	81.81	52.12	81.66	52.36	81.50	52.59	81.35	52.83
98	82.96	52.17	82 81	52.41	82.65	52.66	82.50	52.90	82.34	53.14	82.19	53.37
99	83.80	52.71	83.65	52.95	83.50	53.19	83.34	53.44	83.18	53.68	83.03	53.92
100	84.6[illegible]	53.27	84.50	53.48	84.34	53.73	84.18	53.98	84.03	54.22	83.87	54.46
01	85.5[illegible]	53.77	85.34	54.02	85.18	54,27	85.02	54.51	84.87	54.76	84.71	55.01
02	86.3[illegible]	54.30	86.19	54.55	86.03	54.80	85.87	55.05	85.71	55.30	85.54	55.55
03	87.19	54.84	87.03	55.09	86.87	55.34	86.71	55.59	86.55	55.85	86.38	56.10
04	88.04	55.37	87.87	55.62	87.71	55.88	87.55	56.13	87.39	56.39	87.22	56.64
05	88.8[illegible]	55.90	88.72	56.16	88.56	56.42	88.39	56.67	88.23	56.93	88.06	57.19
06	89.73	56.43	89.56	56.69	89.40	56.95	89.23	57.21	89.07	57.47	88.90	57.73
07	90.5[illegible]	56.96	90.41	57.23	90.24	57.49	90.07	57.75	89.91	58.02	89.74	58.28
08	91.4[illegible]	57.50	91.25	57.76	91.09	58.03	90.92	58.29	90.75	58.56	90.58	58.82
09	92.27	58.03	92.10	58.30	91.93	58.57	91.76	58.83	91.59	59.10	91.42	59.37
110	93.1[illegible]	58.56	92.94	58.83	92.77	59.10	92.60	59.37	92.43	59.64	92.25	59.91
11	93.9[illegible]	59.09	93.79	59 37	93.62	59.64	93.44	59.91	93.27	60.18	93.09	60.46
12	94.8[illegible]	59.63	94.63	59.90	94.46	60.18	94.28	60.46	94.11	60.73	93.93	61.00
13	95.6[illegible]	60.16	95.48	60.44	95.30	60.71	95.13	60.99	94.95	61.27	94.77	61.54
14	96.5[illegible]	60.69	96.32	60.97	96.15	61.25	95.97	61.53	95.79	61.81	95.61	62.09
15	97.3[illegible]	61.22	97.17	61.51	96.99	61.79	96.81	62.07	96.63	62.35	96.45	62.63
16	98.1[illegible]	61.76	98.01	62.04	97.83	62.33	97.65	62.61	97.47	62.90	97.29	63.18
17	99.0[illegible]	62.29	98.86	62.58	98.68	62.86	98.49	63.15	98.31	63.44	98.12	63.72
18	99.8[illegible]	62.82	99.70	63.11	99.52	63.40	99.33	63.69	99.15	63.98	98.96	64.27
19	100.7[illegible]	63.35	100.55	63.65	100.36	63.94	100.18	64.23	99.99	64.52	99.80	64.81
120	101.5[illegible]	63.89	101.39	64.18	102.21	64.48	101.02	64.77	100.83	65.06	100.64	65.36
	D. L. 50'		D. L. 0'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
21	102.48	64.42	102.24	64.72	102.05	65.01	101.86	65.31	101.67	65.61	101.48	65.90
22	103.27	64.95	103.08	65.25	102.89	65.55	102.70	65.85	102.51	66.15	102.32	66.45
23	104.12	65.48	103.93	65.79	103.74	66.09	103.54	66.39	103.35	66.69	103.16	66.99
24	104.97	66.02	104.77	66.32	104.58	66.63	104.39	66.93	104.19	67.23	104.00	67.54
25	105.81	66.55	105.62	66.86	105.42	67.16	105.23	67.47	105.03	67.78	104.83	68.08
26	106.66	67.08	106.46	67.39	106.27	67.70	106.07	68.01	105.87	68.39	105.67	68.62
27	107.51	67.61	107.31	67.92	107.11	68.24	106.91	68.55	106.71	68.86	106.51	69.17
28	108.35	68.14	108.15	68.46	107.95	68.77	107.75	69.09	107.55	69.40	107.35	69.71
29	109.20	68.68	109.00	68.99	108.80	69.31	108.59	69.63	108.39	69.94	108.19	70.26
30	110.05	69.21	109.84	69.53	109.64	69.85	109.44	70.17	109.23	70.42	109.03	70.80
31	110.89	69.74	110.69	70.06	110.48	70.39	110.28	70.71	110.07	71.03	109.87	71.35
32	111.74	70.27	111.53	70.60	111.33	70.92	111.12	71.25	110.91	71.57	110.70	71.89
33	112.58	70.81	112.38	71.13	112.17	71.46	111.96	71.79	111.75	72.11	111.54	72.44
34	113.43	71.34	113.22	71.67	113.01	72.00	112.80	72.33	112.59	72.65	112.38	72.98
35	114.28	71.87	114.07	72.20	113.86	72.54	113.65	72.87	113.43	73.20	113.22	73.53
36	115.12	72.40	114.91	72.74	114.70	73.07	114.49	73.41	114.27	73.74	114.06	74.07
37	115.97	72.94	115.76	73.27	115.54	73.61	115.33	73.95	115.11	74.28	114.90	74.62
38	116.82	73.47	116.60	73.81	116.39	74.15	116.17	74.49	115.95	74.82	115.74	75.16
39	117.66	74.00	117.45	74.34	117.23	74.68	117.01	75.03	116.79	75.37	116.58	75.70
40	118.51	74.53	118.29	74.88	118.07	75.22	117.85	75.57	117.64	75.91	117.41	76.25
41	119.36	75.07	119.13	75.41	118.92	75.76	118.70	76.10	118.48	76.45	118.25	76.77
42	120.20	75.60	119.98	75.95	119.76	76.30	119.54	76.64	119.32	76.99	119.09	77.34
43	121.05	76.13	120.82	76.48	120.60	76.83	120.38	77.18	120.16	77.53	119.93	77.88
44	121.90	76.66	121.67	77.02	121.45	77.37	121.22	77.72	121.00	78.08	120.77	78.43
45	122.74	77.20	122.51	77.55	122.29	77.91	122.06	78.26	121.84	78.62	121.61	78.97
46	123.59	77.73	123.36	78.09	123.13	78.45	122.91	78.80	122.68	79.16	122.45	79.52
47	124.44	78.26	124.20	78.62	123.98	78.98	123.75	79.34	123.52	79.70	123.28	80.06
48	125.28	78.79	125.05	79.16	124.82	79.52	124.59	79.88	124.36	80.25	124.12	80.61
49	126.13	79.32	125.89	79.69	125.66	80.06	125.43	80.42	125.20	80.79	124.96	81.15
50	126.98	79.86	126.74	80.23	126.51	80.60	126.27	80.96	126.04	81.33	125.80	81.70
51	127.82	80.39	127.58	80.76	127.35	81.13	127.11	81.50	126.88	81.87	126.64	82.24
52	128.67	80.92	128.43	81.30	128.19	81.67	127.96	82.04	127.72	82.41	127.48	82.79
53	129.51	81.45	129.27	81.83	129.04	82.21	128.80	82.58	128.56	82.96	128.32	83.33
54	130.36	81.99	130.12	82.37	129.88	82.74	129.64	83.12	129.40	83.50	129.16	83.87
55	131.21	82.52	130.96	82.90	130.72	83.28	130.48	83.66	130.24	84.04	129.99	84.42
56	132.05	83.05	131.81	83.44	131.57	83.82	131.32	84.20	131.08	84.58	130.83	84.96
57	132.90	83.58	132.65	83.97	132.41	84.36	132.17	84.74	131.92	85.13	131.67	85.51
58	133.75	84.12	133.50	84.50	133.25	84.89	133.01	85.28	132.76	85.67	132.51	86.05
59	134.59	84.65	134.34	85.04	134.10	85.43	133.85	85.82	133.60	86.21	133.35	86.60
60	135.44	85.18	135.19	85.57	134.94	85.97	134.69	86.36	134.44	86.67	134.19	87.14
61	136.29	85.71	136.03	86.11	135.78	86.51	135.53	86.90	135.28	87.29	135.03	87.69
62	137.13	86.25	136.88	86.64	136.63	87.04	136.37	87.44	136.12	87.84	135.86	88.23
63	137.98	86.78	137.72	87.18	137.47	87.58	137.22	87.98	136.96	88.38	136.70	88.78
64	138.83	87.31	138.57	87.71	138.31	88.12	138.06	88.52	137.80	88.92	137.54	89.32
65	139.67	87.84	139.41	88.25	139.16	88.65	138.90	89.06	138.64	89.46	138.38	89.87
66	140.52	88.38	140.26	88.78	140.00	89.19	139.74	89.60	139.48	90.01	139.22	90.41
67	141.37	88.91	141.10	89.32	140.84	89.73	140.58	90.14	140.32	90.55	140.06	90.95
68	142.21	89.44	141.95	89.85	141.69	90.27	141.43	90.68	141.16	91.09	140.90	91.50
69	143.06	89.97	142.79	90.39	142.53	90.80	142.27	91.22	142.00	91.63	141.74	92.04
70	143.91	90.50	143.64	90.92	143.38	91.34	143.11	91.76	142.84	92.17	142.57	92.59
71	144.75	91.04	144.48	91.46	144.22	91.88	143.95	92.30	143.68	92.72	143.41	93.13
72	145.60	91.57	145.33	91.99	145.06	92.42	144.79	92.84	144.52	93.26	144.25	93.68
73	146.44	92.10	146.17	92.53	145.91	92.95	145.63	93.38	145.36	93.80	145.09	94.22
74	147.29	92.63	147.02	93.06	146.75	93.49	146.48	93.92	146.20	94.34	145.93	94.77
75	148.14	93.17	147.86	93.60	147.59	94.03	147.32	94.46	147.04	94.89	146.77	95.31
76	148.98	93.70	148.71	94.13	148.44	94.56	148.16	95.00	147.88	95.43	147.61	95.86
77	149.83	94.23	149.55	94.67	149.28	95.10	149.00	95.54	148.72	95.97	148.44	96.40
78	150.68	94.76	150.40	95.20	150.12	95.64	149.84	96.08	149.56	96.51	149.28	96.95
79	151.52	95.30	151.24	95.74	150.97	96.18	150.69	96.62	150.40	97.05	150.12	97.49
80	152.37	95.83	152.09	96.27	151.81	96.71	151.53	97.16	151.25	97.60	150.96	98.04
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
81	153.22	96.36	152.93	96.81	152.65	97.25	152.37	97.69	152.09	98.14	151.80	98.58
82	154.06	96.89	153.78	97.34	153.50	97.79	153.21	98.23	152.93	98.68	152.64	99.12
83	154.91	97.43	154.62	97.88	154.34	98.33	154.05	98.77	153.77	99.22	153.48	99.67
84	155.76	97.96	155.47	98.41	155.18	98.86	154.89	99.31	154.61	99.76	154.32	100.21
85	156.60	98.49	156.31	98.95	156.03	99.40	155.74	99.85	155.45	100.31	155.15	100.76
86	157.45	99.02	157.16	99.48	156.87	99.94	156.58	100.39	156.29	100.85	155.99	101.30
87	158.30	99.56	158.00	100.02	157.71	100.48	157.42	100.93	157.13	101.39	156.83	101.85
88	159.14	100.09	158.85	100.55	158.56	101.01	158.26	101.47	157.97	101.93	157.67	102.39
89	159.99	100.62	159.69	101.08	159.40	101.55	159.10	102.01	158.81	102.48	158.51	102.94
190	160.84	101.15	160.54	101.62	160.24	102.09	159.95	102.55	159.65	103.02	159.35	103.48
91	161.68	101.68	161.38	102.15	161.09	102.62	160.79	103.09	160.49	103.56	160.19	104.03
92	162.53	102.22	162.23	102.69	161.93	103.16	161.63	103.63	161.33	104.10	161.02	104.57
93	163.37	102.75	163.07	103.32	162.77	103.70	162.47	104.17	162.17	104.64	161.86	105.12
94	164.22	103.28	163.92	103.76	163.62	104.24	163.31	104.71	163.01	105.19	162.70	105.66
95	165.07	103.81	164.76	104.29	164.46	104.77	164.15	105.25	163.85	105.73	163.54	106.20
96	165.91	104.35	165 61	104.83	165.30	105.31	165.00	105.79	164.69	106.27	164.38	106.75
97	166.76	104.88	166.45	105.36	166.15	105.85	165.84	106.33	165.53	106.81	165 22	107.29
98	167.61	105.41	167.30	105.90	166.99	106.39	166.68	106.87	166.37	107.36	166.06	107.84
99	168.45	105.94	168.14	106.43	167.83	106.92	167.52	107.41	167.21	107.90	166.90	108.38
200	169.30	106.48	168.09	106.97	168.68	107.46	168.36	107.95	168.05	108.44	167.73	108.93
01	170.15	107.01	169.83	107.50	169.52	108.00	169.21	108.49	168.89	108.98	168.57	109.47
02	170.99	107.54	170.68	108.04	170.36	108.53	170.05	109.03	169.73	109.52	169.41	110.01
03	171.84	108.07	171.52	108.57	171.21	109.07	170.89	109.57	170.57	110.07	170.25	110.56
04	172.69	108.61	172.37	109.11	172.05	109.61	171.73	110.11	171.41	110.61	171.09	111.11
05	173.53	109.14	173.21	109.64	172.89	110.15	172.57	110.65	172.25	111.15	171.93	111.65
06	174.38	109.67	174.06	110.18	173.74	110.68	173.41	111.19	173.09	111.69	172.77	112.20
07	175.23	110.20	174.90	110.71	174.58	111.22	174.26	111.73	173.93	112.24	173.60	112.74
08	176.07	110.74	175.75	111.25	175.43	111.76	175.10	112.27	174.77	112.78	174.44	113.29
09	176.92	111.27	176.59	111.78	176.27	112.30	175.94	112.81	175.61	113.32	175.28	113.83
210	177.77	111.80	177.44	112.32	177.11	112.83	176.78	113.35	176.45	113.86	176.12	114.37
11	178.61	112.33	178.28	112.85	177.96	113.37	177.62	113.89	177.29	114.40	176.96	114.92
12	179.46	112.86	179.13	113.39	178.80	113.91	178.47	114.43	178.13	114.95	177.80	115.46
13	180.30	113.40	179.97	113.92	179.64	114.44	179.31	114.97	178.97	115.49	178.64	116.01
14	181.15	113.93	180.82	114.46	180.49	114.98	180.15	115.51	179.81	116.03	179.48	116.55
15	182.00	114.46	181.66	114.99	181.33	115.52	180.99	116.05	180.65	116.57	180.31	117.10
16	182.84	114.99	182.51	115.53	182.17	116.06	181.83	116.59	181.49	117.12	181.15	117.64
17	183.69	115.53	183.35	116.06	183.02	116.59	182.67	117.13	182.33	117.66	181.99	118.19
18	184.44	116.06	184.20	116.60	183.86	117.13	183.52	117.67	183.17	118.20	182.83	118.73
19	185.38	116.59	185.04	117.13	184.70	117.67	184.36	118.21	184.01	118.74	183.67	119.28
220	186.23	117.12	185.89	117.66	185.55	118.21	185.20	118.75	184.88	119.28	184.51	119.82
21	187.08	117.66	186.73	118.20	186.39	118.74	186.04	119.28	185.70	119.83	185.35	120.37
22	187.92	118.19	187.58	118.73	187.23	119.28	186.88	119.82	186.54	120.37	186.18	120.91
23	188.77	118.72	188.42	119.27	188.08	119.82	187.73	120.36	187.38	120.91	187.09	121.45
24	189.62	119.25	189.27	119.80	188.92	120.36	188.57	120.90	188.22	121.45	187.86	122.00
25	190.46	119.79	190.11	120.34	189.76	120.89	189.41	121.44	189.06	122.00	188.70	122.54
26	191.31	120.32	190.96	120.87	190.61	121.43	190.25	121.98	189.90	122.54	189.54	123.09
27	192.16	120.85	191.80	121.41	191.45	121.97	191.09	122.52	190.74	123.08	190.38	123.63
28	193.00	121.38	192.65	121.94	192.29	122.50	191.93	123.06	191.58	123.62	191.22	124.18
29	193.85	121.92	193.49	122.48	193.14	123.04	192.78	123.60	192.42	124.16	192.06	124.72
230	194.70	122.45	194.34	123.01	193.98	123.58	193.62	124.14	193.26	124.71	192.89	125.2
31	195.54	122.98	195.18	123.55	194.82	124.12	194.46	124.68	194.10	125.25	193.73	125.81
32	196.39	123.51	196.03	124.08	195.67	124.65	195.30	125.22	194.94	125.79	194.57	126.36
33	197.23	124.04	196.87	124.62	196.51	125.19	196.14	125.76	195.78	126.33	195.41	126.90
34	198.08	124.58	197.72	125.15	197.35	125.73	196.99	126.30	196.62	126.87	196.25	127.45
35	198.93	125.11	198.56	125.69	198.20	126.27	197.83	126.84	197.46	127.42	197.09	127.99
36	199.77	125.64	199.41	126.22	199.04	126.80	198.67	127.38	198.30	127.96	197.93	128.54
37	200.62	126.17	200.25	126.76	199.88	127.34	199.51	127.92	199.14	128.50	198.76	129.08
38	201.47	126.71	201.10	127.29	200.73	127.88	200.35	128.46	199.98	129.04	199.60	129.62
39	202.31	127.24	201.94	127.83	201.57	128.41	201.19	129.00	200.82	129.59	200.44	130.17
40	203.16	127.77	202.79	128.36	202.41	128.95	202.04	129.54	201.66	130.13	201.28	130.71

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
241	204.01	128.30	203.63	128.90	203.26	129.49	202.88	130.08	202.50	130.67	202.12	131.26
42	204.85	128.84	204.48	129.43	204.10	130.03	203.72	130.62	203.34	131.21	202.96	131.80
43	205.70	129.37	205.32	129.97	204.94	130.56	204.56	131.16	204.18	131.75	203.80	132.35
44	206.55	129.90	206.17	130.50	205.79	131.10	205.40	131.70	205.02	132.30	204.64	132.89
45	207.39	130.43	207.01	131.04	206.63	131.64	206.25	132.24	205.86	132.84	205.47	133.44
46	208.24	130.97	207.86	131.57	207.47	132.18	207.09	132.78	206.70	133.38	206.31	133.98
47	209.09	131.50	208.70	132.11	208.32	132.71	207.93	133.32	207.54	133.92	207.15	134.53
48	209.93	132.03	209.55	132.64	209.16	133.25	208.77	133.86	208.38	134.47	207.99	135.07
49	210.78	132.55	210.39	133.18	210.00	133.79	209.61	134.40	209.22	135.01	208.83	135.62
250	211.63	133.10	211.24	133.71	210.85	134.33	210.46	134.94	210.06	135.55	209.67	136.16
51	212.47	133.63	212.08	134.24	211.69	134.86	211.30	135.48	210.90	136.09	210.51	136.70
52	213.32	134.16	212.93	134.78	212.53	135.40	212.14	136.02	211.74	136.63	211.34	137.25
53	214.16	134.69	213.77	135.31	213.38	135.94	212.98	136.56	212.58	137.18	212.18	137.79
54	215.01	135.22	214.62	135.85	214.22	136.47	213.82	137.10	213.42	137.72	213.02	138.34
55	215.86	135.76	215.46	136.38	215.06	137.01	214.66	137.64	214.26	138.26	213.86	138.88
56	216.70	136.29	216.31	136.92	215.91	137.55	215.51	138.18	215.10	138.80	214.70	139.43
57	217.55	136.82	217.15	137.45	216.75	138.09	216.35	138.72	215.94	139.35	215.54	139.97
58	218.40	137.35	218.00	137.99	217.60	138.62	217.19	139.26	216.78	139.89	216.38	140.52
59	219.24	137.89	218.84	138.52	218.44	139.16	218.03	139.80	217.62	140.43	217.22	141.06
260	220.09	138.42	219.69	139.06	219.28	139.70	218.87	140.34	218.47	140.97	218.05	141.61
61	220.94	138.95	220.53	139.59	220.12	140.24	219.72	140.87	219.31	141.51	218.89	142.15
62	221.78	139.48	221.38	140.13	220.97	140.77	220.56	141.41	220.15	142.06	219.73	142.70
63	222.63	140.02	222.22	140.66	221.81	141.31	221.40	141.95	220.99	142.60	220.57	143.24
64	223.48	140.55	223.07	141.20	222.65	141.85	222.24	142.49	221.83	143.14	221.41	143.79
65	224.32	141.08	223.91	141.73	223.50	142.38	223.08	143.03	222.67	143.68	222.25	144.33
66	225.17	141.61	224.76	142.27	224.34	142.92	223.92	143.57	223.51	144.23	223.09	144.87
67	226.02	142.15	225.60	142.80	225.19	143.46	224.77	144.11	224.35	144.77	223.92	145.42
68	226.86	142.68	226.45	143.34	226.03	144.00	225.61	144.65	225.19	145.31	224.76	145.96
69	227.71	143.21	227.29	143.87	226.87	144.53	226.45	145.19	226.03	145.85	225.60	146.51
270	228.56	143.74	228.14	144.41	227.72	145.07	227.29	145.73	226.87	146.39	226.44	147.05
71	229.40	144.27	228.98	144.94	228.56	145.61	228.13	146.27	227.71	146.94	227.28	147.60
72	230.25	144.81	229.83	145.48	229.40	146.15	228.98	146.81	228.55	147.48	228.12	148.14
73	231.09	145.34	230.67	146.01	230.25	146.68	229.82	147.35	229.39	148.02	228.96	148.69
74	231.94	145.87	231.52	146.55	231.09	147.22	230.66	147.89	230.23	148.56	229.80	149.23
75	232.79	146.40	232.36	147.08	231.93	147.76	231.50	148.43	231.07	149.11	230.63	149.78
76	233.63	146.94	233.21	147.62	232.78	148.29	232.34	148.97	231.91	149.65	231.47	150.32
77	234.48	147.47	234.05	148.15	233.62	148.83	233.18	149.51	232.75	150.19	232.31	150.87
78	235.33	148.00	234.90	148.69	234.46	149.37	234.03	150.05	233.59	150.73	233.15	151.41
79	236.17	148.53	235.74	149.22	235.31	149.91	234.87	150.59	234.43	151.27	233.99	151.95
280	237.02	149.07	236.59	149.76	236.15	150.44	235.71	151.13	235.27	151.82	234.83	152.50
81	237.87	149.60	237.43	150.29	236.99	150.98	236.55	151.67	236.11	152.36	235.67	153.04
82	238.71	150.13	238.28	150.82	237.84	151.52	237.39	152.21	236.95	152.90	236.50	153.59
83	239.56	150.66	239.12	151.36	238.68	152.06	238.24	152.75	237.79	153.44	237.34	154.13
84	240.41	151.20	239.97	151.89	239.52	152.59	239.08	153.29	238.63	153.98	238.18	154.68
85	241.25	151.73	240.81	152.43	240.37	153.13	239.92	153.83	239.47	154.53	239.02	155.22
86	242.10	152.26	241.66	152.96	241.21	153.67	240.76	154.37	240.31	155.07	239.86	155.77
87	242.95	152.79	242.50	153.50	242.05	154.21	241.60	154.91	241.15	155.61	240.75	156.31
88	243.79	153.33	243.35	154.03	242.90	154.74	242.44	155.45	241.99	156.15	241.54	156.86
89	244.64	153.86	244.19	154.57	243.74	155.28	243.29	155.99	242.83	156.70	242.38	157.40
290	245.49	154.39	245.04	155.10	244.58	155.82	244.13	156.53	243.67	157.24	243.21	157.95
91	246.33	154.92	245.88	155.64	245.43	156.35	244.97	157.07	244.51	157.78	244.05	158.49
92	247.18	155.45	246.73	156.17	246.27	156.89	245.81	157.61	245.35	158.32	244.89	159.04
93	248.02	155.99	247.57	156.71	247.11	157.43	246.65	158.15	246.19	158.86	245.73	159.58
94	248.87	156.52	248.42	157.24	247.96	157.97	247.50	158.69	247.03	159.41	246.57	160.12
95	249.72	157.05	249.26	157.78	248.80	158.50	248.34	159.23	247.87	159.95	247.41	160.67
96	250.56	157.58	250.11	158.31	249.64	159.04	249.18	159.77	248.71	160.49	248.25	161.21
97	251.41	158.12	250.95	158.85	250.49	159.58	250.02	160.31	249.55	161.03	249.08	161.76
98	252.26	158.65	251.80	159.38	251.33	160.12	250.86	160.85	250.39	161.58	249.92	162.30
99	253.10	159.18	252.65	159.92	252.17	160.65	251.70	161.39	251.23	162.12	250.76	162.85
300	253.95	159.71	253.49	160.45	253.02	161.19	252.55	161.93	252.08	162.66	251.60	163.39

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10	D.	L. 0'

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.84	0.55	0.84	0.55	0.83	0.55	0.83	0.55	0.83	0.56	0.83	0.56
2	1.67	1.09	1.67	1.10	1.67	1.10	1.66	1.11	1.66	1.11	1.66	1.12
3	2.51	1.64	2.51	1.65	2.50	1.66	2.50	1.66	2.49	1.67	2.49	1.68
4	3.35	2.19	3.34	2.20	3.3	2.21	3.33	2.22	3.32	2.23	3.32	2.24
5	4.19	2.74	4.18	2.75	4.17	2.76	4.16	2.77	4.15	2.78	4.15	2.80
6	5.02	3.28	5.01	3.30	5.00	3.31	4.99	3.33	4.98	3.34	4.97	3.36
7	5.86	3.83	5.85	3.85	5.84	3.86	5.83	3.88	5.81	3.90	5.80	3.91
8	6.70	4.38	6.68	4.40	6.67	4.42	6.66	4.43	6.65	4.45	6.63	4.47
9	7.53	4.92	7.52	4.95	7.51	4.97	7.49	4.99	7.48	5.01	7.46	5.03
10	8.37	5.47	8.35	5.50	8.34	5.52	8.32	5.54	8.31	5.57	8.29	5.59
11	9.21	6.02	9.19	6.04	9.17	6.07	9.16	6.10	9.14	6.12	9.12	6.15
12	10.04	6.56	10.03	6.59	10.01	6.62	9.99	6.65	9.97	6.68	9.95	6.71
13	10.88	7.11	10.86	7.14	10.84	7.18	10.82	7.21	10.80	7.24	10.78	7.27
14	11.72	7.66	11.70	7.69	11.67	7.73	11.65	7.76	11.63	7.79	11.61	7.83
15	12.56	8.21	12.53	8.24	12.51	8.28	12.48	8.32	12.46	8.35	12.44	8.39
16	13.39	8.75	13.37	8.79	13.34	8.83	13.32	8.87	13.29	8.91	13.26	8.95
17	14.23	9.30	14.20	9.34	14.18	9.38	14.15	9.42	14.12	9.47	14.09	9.51
18	15.07	9.85	15.04	9.89	15.01	9.93	14.98	9.98	14.95	10.02	14.92	10.07
19	15.90	10.39	15.87	10.44	15.84	10.49	15.81	10.53	15.78	10.58	15.75	10.62
20	16.74	10.94	16.71	10.99	16.68	11.04	16.65	11.09	16.61	11.14	16.58	11.18
21	17.58	11.49	17.55	11.54	17.51	11.59	17.48	11.64	17.44	11.69	17.41	11.74
22	18.42	12.04	18.38	12.09	18.35	12.14	18.31	12.20	18.27	12.25	18.24	12.30
23	19.25	12.58	19.22	12.64	19.18	12.69	19.14	12.75	19.11	12.81	19.07	12.86
24	20.09	13.13	20.05	13.19	20.01	13.25	19.97	13.30	19.94	13.36	19.90	13.42
25	20.93	13.68	20.89	13.74	20.85	13.80	20.81	13.86	20.77	13.92	20.73	13.98
26	21.76	14.22	21.72	14.29	21.68	14.35	21.64	14.41	21.60	14.48	21.56	14.54
27	22.60	14.77	22.56	14.84	22.52	14.90	22.47	14.97	22.48	15.03	22.38	15.10
28	23.44	15.32	23.39	15.39	23.35	15.45	23.30	15.52	23.26	15.59	23.21	15.66
29	24.28	15.87	24.23	15.94	24.18	16.01	24.14	16.08	24.09	16.15	24.04	16.22
30	25.11	16.41	25.06	16.49	25.02	16.56	24.97	16.63	24.92	16.70	24.87	16.78
31	25.95	16.96	25.90	17.03	25.85	17.11	25.80	17.19	25.75	17.26	25.70	17.33
32	26.79	17.51	26.74	17.58	26.68	17.66	26.63	17.74	26.58	17.82	26.53	17.89
33	27.62	18.05	27.57	18.13	27.52	18.21	27.47	18.29	27.41	18.37	27.36	18.45
34	28.46	18.60	28.41	18.68	28.35	18.77	28.30	18.85	28.24	18.93	28.19	19.01
35	29.30	19.15	29.24	19.23	29.19	19.32	29.13	19.40	29.07	19.49	29.02	19.57
36	30.13	19.69	30.08	19.78	30.02	19.87	29.96	19.96	29.90	20.04	29.85	20.13
37	30.97	20.24	30.91	20.33	30.85	20.42	30.79	20.51	30.73	20.60	30.67	20.69
38	31.81	20.79	31.75	20.88	31.69	20.97	31.63	21.07	31.57	21.16	31.50	21.25
39	32.65	21.34	32.58	21.43	32.52	21.53	32.46	21.62	32.40	21.71	32.33	21.81
40	33.48	21.88	33.42	21.98	33.36	22.08	33.29	22.17	33.23	22.27	33.16	22.37
41	34.32	22.43	34.26	22.53	34.19	22.63	34.12	22.73	34.06	22.83	33.99	22.93
42	35.16	22.98	35.09	23.08	35.02	23.18	34.96	23.28	34.89	23.38	34.82	23.49
43	35.99	23.52	35.93	23.63	35.86	23.73	35.79	23.84	35.72	23.94	35.65	24.05
44	36.83	24.07	36.76	24.18	36.69	24.29	36.62	24.39	36.55	24.50	36.48	24.60
45	37.67	24.62	37.60	24.73	37.53	24.84	37.45	24.93	37.38	25.06	37.31	25.16
46	38.51	25.17	38.43	25.28	38.36	25.39	38.28	25.50	38.21	25.61	38.14	25.72
47	39.34	25.71	39.27	25.83	39.19	25.94	39.12	26.05	39.04	26.17	38.96	26.28
48	40.18	26.26	40.10	26.38	40.03	26.49	39.95	26.61	39.87	26.73	39.79	26.84
49	41.02	26.81	40.94	26.93	40.86	27.05	40.78	27.16	40.70	27.28	40.62	27.40
50	41.85	27.35	41.77	27.48	41.69	27.60	41.61	27.72	41.53	27.84	41.45	27.96
51	42.69	27.90	42.61	28.02	42.53	28.15	42.45	28.27	42.36	28.40	42.28	28.52
52	43.53	28.45	43.45	28.57	43.36	28.70	43.28	28.83	43.19	28.95	43.11	29.08
53	44.37	29.00	44.28	29.12	44.20	29.25	44.11	29.38	44.02	29.51	43.94	29.64
54	45.20	29.54	45.12	29.67	45.03	29.80	44.94	29.94	44.86	30.07	44.77	30.20
55	46.04	30.09	45.95	30.22	45.86	30.36	45.78	30.49	45.69	30.62	45.60	30.76
56	46.88	30.64	46.79	30.77	46.70	30.91	46.61	31.04	46.52	31.18	46.43	31.31
57	47.71	31.18	47.62	31.32	47.53	31.46	47.44	31.60	47.35	31.74	47.26	31.87
58	48.55	31.73	48.46	31.87	48.37	32.01	48.27	32.15	48.18	32.29	48.08	32.43
59	49.39	32.28	49.29	32.42	49.20	32.56	49.10	32.71	49.01	32.85	48.91	32.99
60	50.22	32.82	50.13	32.97	50.03	33.12	49.94	33.26	49.84	33.41	49.74	33.55

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	51.06	33.97	50.96	33.52	50.87	33.67	50.77	33.82	50.67	33.96	50.57	34.11
62	51.90	33.92	51.80	34.07	51.70	34.22	51.60	34.37	51.50	34.52	51.40	34.67
63	52.74	34.47	52.64	34.62	52.54	34.77	52.43	34.92	52.33	35.08	52.23	35.23
64	53.57	35.01	53.47	35.17	53.37	35.32	53.27	35.48	53.16	35.63	53.06	35.79
65	54.41	35.56	54.31	35.72	54.20	35.88	54.10	36.03	53.99	36.19	53.89	36.35
66	55.25	36.11	55.14	36.27	55.04	36.43	54.93	36.59	54.82	36.75	54.72	36.91
67	56.08	36.66	55.98	36.82	55.87	36.98	55.76	37.14	55.65	37.30	55.55	37.47
68	56.92	37.20	56.81	37.37	56.70	37.53	56.60	37.70	56.48	37.86	56.37	38.02
69	57.76	37.75	57.65	37.92	57.54	38.08	57.43	38.25	57.32	38.42	57.20	38.58
70	58.60	38.30	58.48	38.47	58.37	38.64	58.26	38.81	58.15	38.97	58.03	39.14
71	59.43	38.84	59.32	39.01	59.21	39.19	59.09	39.36	58.98	39.53	58.86	39.70
72	60.27	39.39	60.16	39.56	60.04	39.74	59.92	39.91	59.81	40.09	59.69	40.26
73	61.11	39.94	60.99	40.11	60.87	40.29	60.76	40.47	60.64	40.64	60.52	40.82
74	61.94	40.48	61.83	40.66	61.71	40.84	61.59	41.02	61.47	41.20	61.35	41.38
75	62.78	41.03	62.66	41.21	62.54	41.40	62.42	41.58	62.30	41.76	62.18	41.94
76	63.62	41.58	63.50	41.76	63.38	41.96	63.25	42.13	63.13	42.32	63.01	42.50
77	64.46	42.13	64.33	42.31	64.21	42.50	64.09	42.69	63.96	42.87	63.84	43.06
78	65.29	42.67	65.17	42.86	65.04	43.05	64.92	43.24	64.79	43.43	64.67	43.62
79	66.13	43.22	66.00	43.41	65.88	43.60	65.75	43.79	65.62	43.99	65.49	44.18
80	66.97	43.77	66.84	43.96	66.71	44.16	66.58	44.35	66.45	44.54	66.32	44.74
81	67.80	44.31	67.67	44.51	67.55	44.71	67.41	44.90	67.28	45.10	67.15	45.29
82	68.64	44.86	68.51	45.06	68.38	45.26	68.25	45.46	68.11	45.66	67.98	45.85
83	69.48	45.41	69.35	45.61	69.21	45.81	69.08	46.01	68.94	46.21	68.81	46.41
84	70.31	45.95	70.18	46.16	70.05	46.36	69.91	46.57	69.78	46.77	69.64	46.97
85	71.15	46.50	71.02	46.71	70.88	46.91	70.74	47.12	70.61	47.33	70.47	47.53
86	71.99	47.05	71.85	47.26	71.71	47.47	71.58	47.67	71.44	47.88	71.30	48.09
87	72.83	47.60	72.69	47.81	72.55	48.02	72.41	48.23	72.27	48.44	72.13	48.65
88	73.66	48.14	73.52	48.36	73.38	48.57	73.24	48.78	73.10	49.00	72.96	49.21
89	74.50	48.69	74.36	48.91	74.22	49.12	74.07	49.34	73.93	49.55	73.78	49.77
90	75.34	49.24	75.19	49.46	75.05	49.67	74.91	49.89	74.76	50.11	74.61	50.33
91	76.17	49.78	76.03	50.01	75.88	50.23	75.74	50.45	75.59	50.67	75.44	50.89
92	77.01	50.33	76.87	50.55	76.72	50.78	76.57	51.00	76.42	51.22	76.27	51.45
93	77.85	50.88	77.70	51.10	77.55	51.33	77.40	51.56	77.25	51.78	77.10	52.00
94	78.69	51.43	78.54	51.65	78.39	51.88	78.23	52.11	78.08	52.34	77.93	52.56
95	79.52	51.97	79.37	52.20	79.22	52.43	79.07	52.66	78.91	52.89	78.76	53.12
96	80.36	52.52	80.21	52.75	80.05	52.99	79.90	53.22	79.74	53.45	79.59	53.68
97	81.20	53.07	81.04	53.30	80.89	53.54	80.73	53.77	80.57	54.01	80.42	54.24
98	82.03	53.61	81.88	53.85	81.72	54.09	81.56	54.33	81.40	54.56	81.25	54.80
99	82.87	54.16	82.71	54.40	82.56	54.64	82.40	54.88	82.24	55.12	82.07	55.36
100	83.71	54.71	83.55	54.95	83.39	55.19	83.23	55.44	83.07	55.68	82.90	55.92
01	84.55	55.26	84.38	55.50	84.22	55.75	84.06	55.99	83.90	56.23	83.73	56.48
02	85.38	55.80	85.22	56.05	85.06	56.30	84.89	56.54	84.73	56.79	84.56	57.04
03	86.22	56.35	86.06	56.60	85.89	56.85	85.72	57.10	85.56	57.35	85.39	57.60
04	87.06	56.90	86.89	57.15	86.72	57.40	86.56	57.65	86.39	57.91	86.22	58.16
05	87.89	57.44	87.73	57.70	87.56	57.95	87.39	58.21	87.22	58.46	87.05	58.71
06	88.73	57.99	88.56	58.25	88.39	58.51	88.22	58.76	88.05	59.02	87.88	59.27
07	89.57	58.54	89.40	58.80	89.23	59.06	89.05	59.32	88.88	59.58	88.71	59.83
08	90.40	59.08	90.23	59.35	90.06	59.61	89.89	59.87	89.71	60.13	89.54	60.39
09	91.24	59.63	91.07	59.90	90.89	60.16	90.72	60.43	90.54	60.69	90.37	60.95
110	92.08	60.18	91.90	60.45	91.73	60.71	91.56	60.98	91.37	61.25	91.19	61.51
11	92.92	60.73	92.74	61.00	92.56	61.27	92.38	61.53	92.20	61.80	92.02	62.07
12	93.75	61.27	93.57	61.53	93.40	61.82	93.22	62.09	93.03	62.36	92.85	62.63
13	94.59	61.82	94.41	62.09	94.23	62.37	94.05	62.64	93.86	62.92	93.68	63.19
14	95.43	62.37	95.25	62.64	95.06	62.92	94.88	63.20	94.70	63.47	94.51	63.75
15	96.26	62.91	96.08	63.19	95.90	63.47	95.71	63.75	95.53	64.03	95.34	64.34
16	97.10	63.46	96.92	63.74	96.73	64.03	96.54	64.31	96.36	64.59	96.17	64.81
17	97.94	64.01	97.75	64.29	97.57	64.58	97.38	64.86	97.19	65.14	97.00	65.47
18	98.78	64.56	98.59	64.84	98.40	65.13	98.21	65.41	98.02	65.70	97.83	65.98
19	99.61	65.10	99.42	65.39	99.23	65.68	99.04	65.97	98.85	66.26	98.66	66.58
120	100.45	65.65	100.26	65.94	100.07	66.23	99.87	66.52	99.68	66.81	99.48	67.10
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	101.29	66.20	101.02	66.49	100.90	66.78	100.71	67.08	100.51	67.37	100.31	67.66
22	102.12	66.74	101.93	67.04	101.73	67.34	101.54	67.63	101.34	67.93	101.14	68.22
23	102.96	67.29	102.77	67.59	102.57	67.89	102.37	68.19	102.17	68.48	101.97	68.78
24	103.80	67.84	103.60	68.14	103.40	68.44	103.20	68.74	103.00	69.04	102.80	69.34
25	104.64	68.39	104.44	68.69	104.24	68.99	104.04	69.30	103.83	69.60	103.63	69.90
26	105.47	68.93	105.27	69.24	105.07	69.54	104.87	69.85	104.66	70.15	104.46	70.46
27	106.31	69.48	106.11	69.79	105.90	70.10	105.70	70.40	105.49	70.71	105.29	71.02
28	107.15	70.03	106.94	70.34	106.74	70.65	106.53	70.96	106.32	71.27	106.12	71.58
29	107.98	70.57	107.78	70.89	107.57	71.20	107.36	71.51	107.16	71.82	106.95	72.14
130	108.82	71.12	108.61	71.44	108.41	71.75	108.20	72.07	107.99	72.38	107.78	72.69
31	109.66	71.67	109.45	71.99	109.24	72.30	109.03	72.62	108.82	72.94	108.60	73.25
32	110.49	72.21	110.28	72.54	110.07	72.86	109.86	73.18	109.65	73.49	109.43	73.81
33	111.33	72.76	111.12	73.08	110.91	73.41	110.69	73.73	110.48	74.05	110.26	74.37
34	112.17	73.31	111.96	73.63	111.74	73.96	111.53	74.28	111.31	74.61	111.09	74.93
35	113.01	73.86	112.79	74.18	112.58	74.51	112.36	74.84	112.14	75.17	111.92	75.49
36	113.84	74.40	113.63	74.73	113.41	75.06	113.19	75.39	112.97	75.72	112.75	76.05
37	114.68	74.95	114.46	75.28	114.24	75.62	114.02	75.95	113.80	76.28	113.58	76.61
38	115.52	75.50	115.30	75.83	115.08	76.17	114.85	76.50	114.63	76.84	114.41	77.17
39	116.35	76.04	116.13	76.38	115.91	76.72	115.69	77.06	115.46	77.39	115.24	77.73
140	117.19	76.59	116.97	76.93	116.74	77.27	116.52	77.61	116.29	77.95	116.07	78.29
41	118.03	77.14	117.80	77.48	117.58	77.82	117.35	78.16	117.12	78.51	116.89	78.85
42	118.87	77.69	118.64	78.03	118.41	78.38	118.18	78.72	117.95	79.06	117.72	79.40
43	119.70	78.23	119.48	78.58	119.25	78.93	119.02	79.27	118.78	79.62	118.55	79.96
44	120.54	78.78	120.31	79.13	120.08	79.48	119.85	79.83	119.62	80.18	119.38	80.52
45	121.38	79.33	121.15	79.68	129.91	80.03	120.68	80.38	120.45	80.73	120.21	81.08
46	122.21	79.87	121.98	80.23	121.75	80.58	121.51	80.94	121.28	81.29	121 04	81.64
47	123.05	80.42	122.82	80.78	122.58	81.14	122.35	81.49	122.11	81.85	121.87	82.20
48	123.89	80.97	123.65	81.33	123.42	81.69	123.18	82.05	122.94	82.40	122.70	82.76
49	124.72	81.51	124.49	81.88	124.25	82.24	124.01	82.60	123.77	82.96	123.53	83.32
150	125.56	82.06	125.32	82.43	125.08	82.79	124.84	83.15	124.60	83.52	124.36	83.88
51	126.40	82.61	126.16	82.98	125.92	83.34	125.67	83.71	125.43	84.07	125.19	84.44
52	127.24	83.16	126.99	83.53	126.75	83.89	126.51	84.26	126.26	84.63	126.01	85.00
53	128.07	83.70	127.83	84.08	127.59	84.45	127.34	84.82	127.09	85.19	126.84	85.56
54	128.91	84.25	128.67	84.62	128.42	85.00	128.17	85.37	127.92	85.74	127.67	86.12
55	129.75	84.80	129.50	86.17	129.25	85.55	129.00	85.93	128.75	86.30	128.50	86.67
56	130.58	85.34	130.34	85.72	130.09	86.10	129.84	86.48	129.58	86.86	129.33	87.23
57	131.42	85.89	131.17	86.27	130.92	86.65	130.67	87.03	130.41	87.41	130.16	87.79
58	123.26	86.44	132.01	86.82	137.75	87.21	131.50	87.59	131.24	87.97	130.99	88.35
59	133.10	86.99	132.84	87.37	132.59	87.76	132.33	88.14	132.07	88.53	131.82	88.91
160	133.93	87.53	133.68	87.92	133.42	88.31	133.16	88.70	132.91	89.08	132.65	89.47
61	134.77	88.08	134.51	88.47	134.26	88.86	134.00	89.25	133.74	89.64	133.48	90.03
62	135.61	88.63	135.3	89.02	135.09	89.41	134.83	89.81	134.57	90.20	134.30	90.59
63	136.44	89.17	136.18	89.57	135.92	89.97	135.66	90.36	135.40	90.76	135.13	91.15
64	137.28	89.72	137.02	90.12	136.76	90.52	136.49	90.92	136.23	91.31	135.96	91.71
65	138.12	90.27	137.86	90.67	137.59	91.07	137.33	91.47	137.06	91.87	136.79	92.27
66	138.96	90.82	138.69	91.22	138.43	91.62	138.16	92.02	137.89	92.43	137.62	92.83
67	139.79	91.36	139.53	91.77	139.26	92.17	138.99	92.58	138.72	92.98	138.45	93.38
68	140.63	91.91	140.36	92.32	140.09	92.73	139.82	93.13	139.55	93.54	139.28	93.94
69	141.47	92.46	141.20	92.87	140.93	93.28	140.66	93.69	140.38	94.10	140.11	94.50
170	142.30	93.00	142.03	93.42	141.76	93.83	141.49	94.24	141.21	94.65	140.94	95.06
71	143.14	93.55	142.87	93.97	142.60	94.38	142.32	94.80	142.04	95.21	141.77	95.62
72	143.98	94.10	143.70	94.52	143.43	94.93	143.15	95.35	142.87	95.77	142.59	96.18
73	144.81	94.64	144.54	95.07	144.26	95.49	143.98	95.90	143.70	96.32	143.42	96.74
74	145.65	95.19	145.38	95.61	145.10	96.04	144.82	96.46	144.53	96.88	144.25	97.30
75	146.49	95.74	146.21	96.16	145.93	96.59	146.65	97.01	145.37	97.44	145.08	97.86
76	147.33	96.29	147.05	96.71	146.76	97.13	146.48	97.57	146.20	97.99	145.91	98.42
77	148.16	96.83	147.88	97.26	147.60	97.69	147.31	98.12	147.03	98.55	146.74	98.98
78	149.00	97.38	148.72	97.81	148.43	98.25	148.15	98 68	147.86	99.11	147.57	99.54
79	149.84	97.93	149.55	98.36	149.27	98.80	148.98	99.23	148.69	99.66	148.40	100.10
180	150.67	98.47	150.39	98.91	150.10	99.35	149.81	99.78	149.52	100.22	149.23	100.65

'	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	151.51	99.02	151.22	99.46	150.93	99.90	150.64	100.34	150.35	100.78	150.06	101.21
82	152.35	99.57	152.06	100.01	151.77	100.45	151.47	100.89	151.18	101.33	150.89	101.77
83	153.19	100.12	152.89	100.56	152.60	101.01	152.31	101.45	152.01	101.89	151.71	102.33
84	154.02	100.66	153.73	101.11	153.44	101.56	153.14	102.00	152.84	102.45	152.54	102.89
85	154.86	101.21	154.57	101.66	154.27	102.11	153.97	102.56	153.67	103.00	153.37	103.45
86	155.70	101.76	155.40	102.21	155.10	102.66	154.80	103.11	154.50	103.56	154.20	104.01
87	156.53	102.30	156.24	102.76	155.94	103.21	155.64	103.67	155.33	104.12	155.03	104.57
88	157.37	102.85	157.07	103.31	156.77	103.76	156.47	104.22	156.16	104.67	155.86	105.13
89	158.21	103.40	157.91	103.86	157.61	104.31	157.30	104.77	156.99	105.23	156.69	105.69
190	159.05	103.95	158.74	104.41	158.44	104.87	158.19	105.33	157.83	105.79	157.52	106.25
91	159.88	104.49	159.58	104.96	159.27	105.42	158.97	105.88	158.66	106.34	158.35	106.81
92	160.72	105.04	160.41	105.51	160.11	105.97	159.80	106.44	159.49	106.90	159.18	107.36
93	161.56	105.59	161.25	106.06	160.94	106.52	160.63	106.99	160.32	107.46	160.00	107.92
94	162.39	106.13	162.09	106.60	161.77	107.08	161.46	107.55	161.15	108.02	160.88	108.48
95	163.23	106.68	162.92	107.15	162.61	107.63	162.29	108.10	161.98	108.57	161.66	109.04
96	164.07	107.23	163.76	107.70	163.44	108.18	163.13	108.65	162.81	109.13	162.49	109.60
97	164.90	107.77	164.59	108.25	164.28	108.73	163.96	109.21	163.64	109.69	163.32	110.16
98	165.74	108.32	165.43	108.80	165.11	109.28	164.79	109.76	164.47	110.24	164.16	110.72
99	166.58	108.87	166.26	109.35	165.94	109.84	165.62	110.32	165.30	110.80	164.98	111.28
200	167.42	109.42	167.10	109.90	166.78	110.39	166.46	110.87	166.13	111.36	165.81	111.84
01	168.25	109.96	167.93	110.45	167.61	110.94	167.29	111.43	166.96	111.91	166.64	112.40
02	169.09	110.51	168.77	111.00	168.45	111.49	168.12	111.98	167.79	112.47	167.47	112.96
03	169.93	111.06	169.60	111.55	169.28	112.04	168.95	112.54	168.62	113.09	168.30	113.52
04	170.76	111.60	170.44	112.10	170.11	112.60	169.79	113.09	169.45	113.58	169.12	114.07
05	171.60	112.15	171.28	112.65	170.95	113.15	170.62	113.64	170.29	114.14	169.95	114.63
06	172.44	112.70	172.11	113.20	171.78	113.70	171.45	114.20	171.12	114.70	170.78	115.19
07	173.28	113.25	172.95	113.75	172.62	114.25	172.28	114.75	171.95	115.25	171.61	115.75
08	174.11	113.79	173.78	114.30	173.45	114.80	173.11	115.31	172.78	115.81	172.44	116.31
09	174.95	114.34	174.62	114.85	174.28	115.36	173.95	115.86	173.61	116.37	173.27	116.87
210	175.79	114.89	175.45	115.40	175.12	115.91	174.78	116.42	174.44	116.92	174.10	117.43
11	176.62	115.43	176.29	115.95	175.95	116.46	175.61	116.97	175.27	117.48	174.93	117.99
12	177.46	115.98	177.12	116.50	176.78	117.01	176.44	117.52	176.10	118.04	175.76	118.55
13	178.30	116.53	177.96	117.05	177.62	117.56	177.28	118.08	176.93	118.59	176.59	119.11
14	179.14	117.08	178.79	117.60	178.45	118.12	178.11	118.63	177.76	119.15	177.41	119.67
15	179.97	117.62	179.63	118.14	179.29	118.67	178.94	119.19	178.59	119.71	178.24	120.23
16	180.81	118.17	180.47	118.69	180.12	119.22	179.77	119.74	179.42	120.26	179.07	120.79
17	181.65	118.72	181.30	119.24	180.95	119.77	180.60	120.30	180.25	120.82	179.90	121.34
18	182.48	119.26	182.14	119.79	181.79	120.32	181.44	120.85	181.08	121.38	180.73	121.90
19	183.32	119.81	182.97	120.34	182.62	120.87	182.27	121.40	181.91	121.93	181.56	122.46
220	184.16	120.36	183.81	120.89	183.46	121.43	183.10	121.96	182.75	122.49	182.39	123.02
21	184.99	120.90	184.64	121.44	184.29	121.98	183.93	122.51	183.58	123.05	183.22	123.58
22	185.83	121.45	185.48	121.99	185.12	122.53	184.77	123.07	184.41	123.61	184.05	124.14
23	186.67	122.00	186.31	122.54	185.96	123.08	185.60	123.62	185.24	124.16	184.88	124.70
24	187.51	122.55	187.15	123.09	186.79	123.63	186.43	124.18	186.07	124.72	185.70	125.26
25	188.34	123.09	187.99	123.64	187.63	124.19	187.26	124.73	186.90	125.28	186.53	125.82
26	189.18	123.64	188.82	124.19	188.46	124.74	188.10	125.29	187.73	125.83	187.36	126.38
27	190.02	124.19	189.66	124.74	189.29	125.29	188.93	125.84	188.56	126.39	188.19	126.94
28	199.85	124.73	190.49	125.29	190.13	125.84	189.76	126.39	189.39	126.95	189.02	127.50
29	191.69	125.28	191.33	125.84	190.96	126.39	190.59	126.95	190.22	127.50	189.85	128.05
230	192.53	125.83	192.16	126.39	191.79	126.95	191.42	127.50	191.05	128.06	190.68	128.61
31	193.37	126.38	193.00	126.94	192.63	127.50	192.26	128.06	191.88	128.62	191.51	129.17
32	194.20	126.92	193.83	127.49	193.46	128.05	193.09	128.61	192.71	129.17	192.34	129.73
33	195.04	127.47	194.67	128.04	194.30	128.60	193.92	129.17	193.54	129.73	193.17	130.29
34	195.88	128.02	195.50	128.59	195.13	129.15	194.75	129.72	194.37	130.29	194.00	130.85
35	196.71	128.56	196.34	129.13	195.96	129.71	195.59	130.27	195.21	130.84	194.82	131.41
36	197.55	129.11	197.18	129.68	196.80	130.26	196.42	130.83	196.04	131.40	195.65	131.97
37	198.39	129.66	198.01	130.23	197.63	130.81	197.25	131.38	196.87	131.96	196.48	132.53
38	199.23	130.21	198.85	130.78	198.47	131.36	198.08	131.94	197.70	132.51	197.31	133.09
39	200.06	130.75	199.68	131.33	199.30	131.91	198.91	132.49	198.53	133.07	198.14	133.65
240	200.90	131.30	200.52	131.88	200.13	132.47	199.75	133.05	199.36	133.63	198.97	134.21

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

°	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	201.74	131.85	201.35	132.43	200.97	133.02	200.58	133.60	200.19	134.18	199.80	134.76
42	202.57	132.39	202.19	132.98	201.80	133.57	201.41	134.16	201.02	134.74	200.63	135.32
43	203.41	132.94	203.02	133.53	202.64	134.12	202.24	134.71	201.85	135.30	201.46	135.88
44	204.25	133.49	204.86	134.08	203.47	134.67	203.08	135.26	202.68	135.85	202.29	136.44
45	205.08	134.03	204.70	134.63	204.30	135.23	203.91	135.82	203.51	136.41	203.11	137.00
46	205.92	134.58	205.53	135.18	205.14	135.78	204.74	136.37	204.34	136.97	203.94	137.56
47	206.76	135.13	206.37	135.73	205.97	136.33	205.57	136.93	205.17	137.52	204.77	138.12
48	207.60	135.68	207.20	136.28	206.80	136.88	206.41	137.48	206.00	138.08	205.60	138.68
49	208.43	136.22	208.04	136.83	207.64	137.43	207.24	138.04	206.83	138.64	206.43	139.24
250	209.27	136.77	208.87	137.38	208.47	137.98	208.07	138.59	207.67	139.20	207.26	139.80
51	210.11	137.32	209.71	137.93	209.31	138.54	208.90	139.14	208.50	139.75	208.09	140.36
52	210.94	137.86	210.54	138.48	210.14	139.09	209.73	139.70	209.33	140.31	208.92	140.92
53	211.78	138.41	211.38	139.03	210.97	139.64	210.57	140.25	210.16	140.87	209.75	141.48
54	212.62	138.96	212.21	139.58	211.81	140.19	211.40	140.81	210.99	141.42	210.58	142.03
55	213.46	139.51	213.05	140.13	212.64	140.74	212.23	141.36	211.82	141.98	211.41	142.59
56	214.29	140.05	213.89	140.67	213.48	141.30	213.06	141.92	212.65	142.54	212.23	143.15
57	215.13	140.60	214.72	141.22	214.31	141.85	213.90	142.47	213.48	143.09	213.06	143.71
58	215.97	141.15	215.56	141.77	215.14	142.40	214.73	143.02	214.31	143.65	213.89	144.27
59	216.80	141.69	216.39	142.32	215.98	142.95	215.56	143.58	215.14	144.21	214.72	144.83
260	217.64	142.24	217.23	142.87	216.81	143.50	215.39	144.13	215.97	144.76	215.55	145.39
61	218.48	142.79	218.06	143.42	217.65	114.06	217.23	144.69	216.80	145.32	216.38	145.95
62	219.31	143.33	218.90	143.97	218.48	144.61	218.06	145.24	217.63	145.88	217.21	146.51
63	220.15	143.88	219.73	144.52	219.31	145.16	218.89	145.80	218.46	146.43	218.04	147.07
64	220.99	144.43	220.57	145.07	220.15	145.71	219.72	146.35	219.29	146.99	218.87	147.63
65	221.83	144.98	221.40	145.62	220.98	146.26	220.55	146.91	220.12	147.55	219.70	148.19
66	222.66	145.52	222.24	146.17	221.81	146.82	221.39	147.46	220.96	148.10	220.52	148.74
67	223.50	146.07	223.08	146.72	222.65	147.37	222.22	148.01	221.79	148.66	221.35	149.30
68	224.34	146.62	223.91	147.27	223.48	147.92	223.05	148.57	222.62	149.22	222.18	149.86
69	225.17	147.16	224.75	147.82	224.32	148.47	223.88	149.12	223.45	149.77	223.01	150.42
270	226.01	147.71	225.58	148.37	225.15	149.02	224.72	149.68	224.28	150.33	223.84	150.98
71	226.85	148.26	226.42	148.92	225.98	149.58	225.55	150.23	225.11	150.89	224.67	151.54
72	227.69	148.81	227.25	149.47	226.82	150.13	226.38	150.79	225.94	151.44	225.50	152.10
73	228.52	149.35	228.09	150.02	227.65	150.68	227.21	151.34	226.77	152.00	226.33	152.66
74	229.36	149.90	228.92	150.57	228.49	151.23	228.04	151.89	227.60	152.56	227.16	153.22
75	230.20	150.45	229.76	151.12	229.32	151.78	228.88	152.45	228.43	153.11	227.99	153.78
76	231.03	150.99	230.60	151.66	230.15	152.34	229.71	153.00	229.26	153.67	228.82	154.34
77	231.87	151.54	231.43	152.21	230.99	152.89	230.54	153.56	230.09	154.23	229.64	154.90
78	232.71	152.09	232.27	152.76	231.82	153.44	231.37	154.11	230.92	154.78	230.47	155.45
79	233.55	152.64	233.10	153.31	232.66	153.99	232.21	154.67	231.75	155.34	231.30	156.01
280	234.38	153.18	233.94	153.86	233.49	154.54	233.04	155.22	232.58	155.90	232.13	156.57
81	235.22	153.73	234.77	154.41	234.32	155.10	233.87	155.78	233.42	156.46	232.96	157.13
82	236.06	154.28	235.61	154.96	235.16	155.65	234.70	156.33	234.25	157.01	233.79	157.69
83	236.89	154.82	236.44	155.51	235.99	156.20	235.54	156.88	235.08	157.57	234.62	158.25
84	237.73	155.37	237.28	156.06	236.82	156.75	236.37	157.44	235.91	158.13	235.45	158.81
85	238.57	155.92	238.11	156.61	237.66	157.30	237.20	157.99	236.74	158.68	236.28	159.37
86	239.40	156.46	238.95	157.16	238.49	157.85	238.03	158.55	237.57	159.24	237.11	159.93
87	240.24	157.01	239.79	157.71	239.33	158.41	238.86	159.10	238.40	159.80	237.93	160.49
88	241.08	157.56	240.62	158.26	240.16	158.96	239.70	159.66	239.23	160.35	238.76	161.05
89	241.92	158.11	241.46	158.81	240.99	159.51	240.53	160.21	240.06	160.91	239.59	161.61
290	242.75	158.65	242.29	159.36	241.83	160.06	241.36	160.76	240.89	161.47	240.42	162.17
91	243.59	159.20	243.13	159.91	242.66	160.61	242.19	161.32	241.72	162.02	241.25	162.72
92	244.43	159.75	243.96	160.46	243.50	161.17	243.03	161.87	242.55	162.58	242.08	163.28
93	245.26	160.29	244.80	161.01	244.33	161.72	243.86	162.43	243.38	163.14	242.91	163.84
94	246.10	160.84	245.63	161.56	245.16	162.27	244.69	162.98	244.21	163.69	243.74	164.40
95	246.94	161.39	246.47	162.11	246.00	162.82	245.52	163.54	245.04	164.25	244.57	164.96
96	247.78	161.94	247.30	162.65	246.83	163.37	246.35	164.09	245.88	164.81	245.40	165.52
97	248.61	162.48	248.14	163.20	247.67	163.93	247.19	164.64	246.71	165.36	246.22	166.08
98	249.45	163.03	248.98	163.75	248.50	164.48	248.02	165.20	247.54	165.92	247.05	166.64
99	250.29	163.58	249.81	164.30	249.33	165.03	248.85	165.75	248.37	166.48	247.88	167.20
300	251.12	164.12	250.65	164.85	250.17	165.58	249.68	166.31	249.20	167.03	248.71	167.76

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20.		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.83	0.56	0.83	0.56	0.82	0.57	0.82	0.57	0.82	0.57	0.82	0.57
2	1.65	1.12	1.65	1.13	1.65	1.13	1.64	1.14	1.64	1.14	1.64	1.15
3	2.48	1.68	2.48	1.69	2.47	1.70	2.47	1.71	2.46	1.71	2.46	1.72
4	3.31	2.25	3.30	2.26	3.30	2.27	3.29	2.28	3.28	2.28	3.28	2.29
5	4.14	2.81	4.13	2.82	4.12	2.83	4.11	2.84	4.10	2.86	4.10	2.87
6	4.96	3.37	4.95	3.38	4.94	3.40	4.93	3.41	4.92	3.43	4.91	3.44
7	5.79	3.93	5.78	3.95	5.77	3.96	5.76	3.98	6.75	4.00	5.73	4.02
8	6.62	4.49	6.61	4.51	6.59	4.53	6.58	4.55	6.57	4.57	6.55	4.59
9	7.45	5.05	7.43	5.08	7.42	5.10	7.40	5.12	7.39	5.14	7.37	5.16
10	8.27	5.62	8.26	5.64	8.24	5.66	8.22	5.69	8.21	5.71	8.19	5.74
11	9.10	6.18	9.08	6.20	9.07	6.23	9.05	6.26	9.03	6.28	9.01	6.31
12	9.93	6.74	9.91	6.77	9.89	6.80	9.87	6.83	9.85	6.85	9.83	6.88
13	10.76	7.30	10.74	7.33	10.71	7.36	10.69	7.39	10.67	7.43	10.65	7.46
14	11.58	7.86	11.56	7.90	11.54	7.93	11.51	7.96	11.49	8.00	11.47	8.03
15	12.41	8.42	12.39	8.46	12.36	8.50	12.34	8.53	12.31	8.57	12.29	8.60
16	13.24	8.99	13.21	9.02	13.19	9.06	13.16	9.10	13.13	9.14	13.11	9.18
17	14.07	9.55	14.04	9.59	14.01	9.63	13.98	9.67	13.95	9.71	13.93	9.75
18	14.89	10.11	14.86	10.15	14.83	10.20	14.80	10.24	14.77	10.28	14.74	10.32
19	15.72	10.67	15.69	10.72	15.66	10.76	15.63	10.81	15.60	10.85	15.56	10.90
20	16.55	11.23	16.52	11.28	16.48	11.33	16.45	11.38	16.42	11.42	16.38	11.47
21	17.38	11.79	17.34	11.84	17.31	11.89	17.27	11.94	17.24	11.99	17.20	12.05
22	18.20	12.36	18.17	12.41	18.13	12.46	18.09	12.51	18.06	12.57	18.02	12.62
23	19.03	12.92	18.99	12.97	18.95	13.03	18.92	13.08	18.88	13.14	18.84	13.19
24	19.86	13.48	19.82	13.54	19.78	13.59	19.74	13.65	19.70	13.71	19.66	13.77
25	20.69	14.04	20.64	14.10	20.60	14.16	20.56	14.22	20.52	14.28	20.48	14.34
26	21.51	14.60	21.47	14.66	21.43	14.73	21.38	14.79	21.34	14.85	21.30	14.91
27	22.34	15.16	22.30	15.23	22.25	15.29	22.21	15.36	22.16	15.42	22.12	15.49
28	23.17	15.72	23.12	15.79	23.08	15.86	23.03	15.93	22.98	15.99	22.94	16.06
29	23.99	16.29	23.95	16.36	23.90	16.43	23.85	16.50	23.80	16.56	23.76	16.63
30	24.82	16.85	24.77	16.92	24.72	16.99	24.67	17.06	24.62	17.14	24.57	17.21
31	25.65	17.41	25.60	17.48	25.55	17.56	25.50	17.63	25.45	17.71	25.39	17.78
32	26.48	17.97	26.42	18.05	26.37	18.13	26.32	18.20	26.27	18.28	26.21	18.35
33	27.30	18.53	27.25	18.61	27.20	18.69	27.14	18.77	27.09	18.85	27.03	18.93
34	28.13	19.09	28.08	19.18	28.02	19.26	27.96	19.34	27.91	19.42	27.85	19.50
35	28.96	19.66	28.90	19.74	28.84	19.82	28.79	19.91	28.73	19.99	28.67	20.08
36	29.79	20.22	29.73	20.30	29.67	20.39	29.61	20.48	29.55	20.56	29.49	20.65
37	30.61	20.78	30.55	20.87	30.49	20.96	30.43	21.05	30.37	21.13	30.31	21.22
38	31.44	21.34	31.38	21.43	31.32	21.52	31.25	21.61	31.19	21.71	31.13	21.80
39	32.27	21.90	32.20	22.00	32.14	22.09	32.08	22.18	32.01	22.28	31.95	22.37
40	33.10	22.46	33.03	22.56	32.97	22.66	32.90	22.75	32.83	22.85	32.77	22.94
41	33.92	23.03	33.86	23.12	33.79	23.22	33.72	23.32	33.65	23.42	33.59	23.52
42	34.75	23.59	34.68	23.69	34.61	23.79	34.54	23.89	34.47	23.99	34.40	24.09
43	35.58	24.15	35.51	24.25	35.44	24.36	35.37	24.46	35.30	24.56	35.22	24.66
44	36.41	24.71	36.33	24.82	36.26	24.92	36.19	25.03	36.12	25.13	36.04	25.24
45	37.23	25.27	37.16	25.38	37.09	25.49	37.01	25.60	36.94	25.70	36.86	25.81
46	38.06	25.83	37.99	25.94	37.91	26.05	37.83	26.16	37.76	26.27	37.68	26.38
47	38.89	26.40	38.81	26.51	38.73	26.62	38.66	26.73	38.58	26.85	38.50	26.96
48	39.72	26.96	39.64	27.07	39.56	27.19	39.48	27.30	39.40	27.42	39.32	27.53
49	40.54	27.52	40.46	27.64	40.38	27.75	40.30	27.87	40.22	27.99	40.14	28.11
50	41.37	28.08	41.29	28.20	41.21	28.32	41.12	28.44	41.04	28.56	40.96	28.68
51	42.20	28.64	42.11	28.76	42.03	28.89	41.95	29.01	41.86	29.13	41.78	29.25
52	43.03	29.20	42.94	29.33	42.85	29.45	42.77	29.58	42.68	29.70	42.50	29.83
53	43.85	29.76	43.77	29.89	43.68	30.02	43.59	30.15	43.50	30.27	43.41	30.40
54	44.68	30.33	44.59	30.46	44.50	30.59	44.41	30.72	44.32	30.84	44.23	30.97
55	45.51	30.89	45.42	31.02	45.33	31.15	45.24	31.28	45.15	31.42	45.05	31.55
56	46.33	31.45	46.24	31.58	46.15	31.72	46.06	31.85	45.97	31.99	45.87	32.12
57	47.16	32.01	47.07	32.15	46.98	32.29	46.88	32.42	46.79	32.56	46.69	32.69
58	47.99	32.57	47.89	32.71	47.80	32.85	47.70	32.99	47.61	33.13	47.51	33.27
59	48.82	33.13	48.72	33.28	48.62	33.42	48.53	33.56	48.43	33.70	48.33	33.84
60	49.64	33.70	49.55	33.84	49.45	33.98	49.35	34.13	49.25	34.27	49.15	34.41

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	50.47	34.26	50.37	34.40	50.27	34.55	50.17	34.70	50.07	34.84	49.97	34.99
62	51.30	34.82	51.20	34.97	51.10	35.12	50.99	35.27	50.89	35.41	50.79	36.56
63	52.13	35.38	52.02	35.53	51.92	35.68	51.82	35.83	51.71	35.98	51.61	36.14
64	52.95	35.94	52.85	36.10	52.74	36.25	52.64	36.40	52.53	36.56	52.43	36.71
65	53.78	36.50	53.68	36.66	53.57	36.82	53.46	36.97	53.35	37.13	53.24	37.28
66	54.61	37.07	54.50	37.22	54.39	37.38	54.28	37.54	54.17	37.70	54.06	37.86
67	55.44	37.63	55.33	37.79	55.22	37.95	55.11	38.11	54.99	38.27	54.88	38.43
68	56.26	38.19	56.15	38.35	56.04	38.52	55.93	38.68	55.82	38.84	55.70	39.00
69	57.09	38.75	56.98	38.92	56.36	39.08	56.75	39.25	56.64	39.41	59.52	39.58
70	57.92	39.31	57.80	39.48	57.69	39.65	57.57	39.82	57.46	39.98	57.34	40.15
71	58.75	39.87	58.63	40.04	58.51	40.22	58.40	40.38	58.28	40.55	58.16	40.72
72	59.57	40.44	59.46	40.61	59.34	40.78	59.22	40.95	59.10	41.13	58.98	41.30
73	60.40	41.00	60.28	41.17	60.16	41.35	60.04	41.52	59.92	41.70	59.80	41.87
74	61.23	41.56	61.11	41.74	60.99	41.91	60.86	42.09	60.74	42.27	60.62	42.44
75	62.06	42.12	61.93	42.30	61.81	42.48	61.69	42.66	61.56	42.84	61.44	43.02
76	62.88	42.68	62.76	42.86	62.63	43.05	62.51	43.23	62.38	43.41	62.26	43.59
77	63.71	43.24	63.58	43.43	63.46	43.61	63.33	43.80	63.20	43.98	63.07	44.17
78	64.54	43.80	64.41	43.99	64.28	44.18	64.15	44.37	64.02	44.55	63.89	44.74
79	65.37	44.37	65.24	44.56	65.11	44.75	64.98	44.94	64.84	45.12	64.71	45.41
80	66.19	44.93	66.06	45.12	65.93	45.31	65.80	45.50	65.67	45.70	65.53	45.89
81	67.02	45.49	66.89	45.68	66.75	45.88	66.62	46.07	66.49	46.27	66.35	46.46
82	67.85	46.05	67.71	46.25	67.58	46.45	67.44	46.64	67.31	46.84	67.17	47.03
83	68.68	46.61	68.54	46.81	68.40	47.01	68.27	47.21	68.13	47.41	67.99	47.61
84	69.50	47.17	69.36	47.38	69.23	47.58	69.09	47.78	68.95	47.98	68.81	48.18
85	70.33	47.74	70.19	47.94	70.05	48.14	69.91	48.35	69.77	48.55	69.63	48.75
86	71.16	48.30	71.02	48.50	70.88	48.71	70.73	48.92	70.59	49.12	70.45	49.33
87	71.98	48.86	71.84	49.07	71.70	49.28	71.56	49.49	71.41	49.69	71.27	49.90
88	72.81	49.42	72.67	49.63	72.52	49.84	72.38	50.05	72.23	50.26	72.09	50.48
89	73.64	49.98	73.49	50.20	73.35	50.41	73.20	50.62	73.05	50.84	72.90	51.05
90	74.47	50.54	74.32	50.76	74.17	50.98	74.02	51.19	73.87	51.41	73.72	51.62
91	75.29	51.11	75.15	51.32	75.00	51.54	74.85	51.76	74.69	51.98	74.54	52.20
92	76.12	51.67	75.97	51.89	75.82	52.11	75.67	52.33	75.52	52.55	75.36	52.77
93	76.95	52.23	76.80	52.45	76.64	52.68	76.49	52.90	76.34	53.12	76.18	53.34
94	77.78	52.79	77.62	53.02	77.47	53.24	77.31	53.47	77.16	53.69	77.00	53.92
95	78.60	53.35	78.45	53.58	78.29	53.81	78.14	54.04	77.98	54.26	77.82	54.49
96	79.43	53.91	79.27	54.14	79.12	54.38	78.96	54.60	78.80	54.83	78.64	55.06
97	80.26	54.48	80.10	54.71	79.94	54.94	79.78	55.17	79.62	55.41	79.46	55.64
98	81.09	55.04	80.93	55.27	80.76	55.51	80.60	55.74	80.44	55.98	80.28	56.21
99	81.91	55.60	81.75	55.84	81.59	56.07	81.43	56.31	81.26	56.55	81.10	56.78
100	82.74	56.16	82.58	56.40	82.41	56.64	82.25	56.88	82.08	57.12	81.92	57.36
01	83.57	56.72	83.40	56.97	83.24	57.21	83.07	57.45	82.90	57.69	82.73	57.93
02	84.40	57.28	84.23	57.53	84.06	57.77	83.89	58.02	83.72	58.26	83.55	58.51
03	85.22	57.84	85.05	58.09	84.89	58.34	84.72	58.59	84.54	58.83	84.37	59.08
04	86.05	58.41	85.88	58.66	85.71	58.91	85.54	59.16	85.37	59.40	85.19	59.66
05	86.88	58.97	86.71	59.22	86.53	59.47	86.36	59.72	86.19	59.97	86.01	60.23
06	87.71	59.53	87.53	59.79	87.36	60.04	87.18	60.29	87.01	60.55	86.83	60.80
07	88.53	60.09	88.36	60.35	88.18	60.61	88.01	60.86	87.83	61.12	87.65	61.37
08	89.36	60.65	89.18	60.91	89.01	61.17	88.83	61.43	88.65	61.69	88.47	61.95
09	90.19	61.21	90.01	61.48	89.83	61.74	89.65	62.00	89.47	62.26	89.29	62.52
110	91.02	61.78	90.83	62.04	90.65	62.31	90.47	62.57	90.29	62.83	90.11	63.09
11	91.84	62.34	91.66	62.61	91.48	62.87	91.30	63.14	91.11	63.40	90.93	63.67
12	92.67	62.90	92.49	63.17	92.30	63.44	92.12	63.71	91.93	63.97	91.74	64.24
13	93.50	63.46	93.31	63.73	93.13	64.00	92.94	64.27	92.75	64.54	92.56	64.81
14	94.32	64.02	94.14	64.30	93.95	64.57	93.76	64.84	93.57	65.12	93.38	65.39
15	95.15	64.58	94.96	64.86	94.77	65.14	94.59	65.41	94.39	65.69	94.20	65.96
16	95.98	65.15	95.79	65.43	95.60	65.70	95.41	65.98	95.22	66.26	95.02	66.54
17	96.81	65.71	96.62	65.99	96.42	66.27	96.23	66.55	96.04	66.83	95.84	67.11
18	97.63	66.27	97.44	66.55	97.26	66.84	97.06	67.12	96.86	67.40	96.66	67.68
19	98.46	66.83	98.27	67.12	98.07	67.40	97.88	67.69	97.68	67.97	97.48	68.26
120	99.29	67.39	99.09	67.68	98.90	67.97	98.70	68.26	98.50	68.54	98.30	68.83
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	D.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	100.12	67.95	99.92	68.25	99.72	68.54	99.52	68.82	99.32	69.11	99.12	69.40
22	100.94	68.52	100.74	68.81	100.54	69.10	100.34	69.39	100.14	69.69	99.94	69.98
23	101.77	69.08	101.57	69.37	101.37	69.67	101.17	69.96	100.96	70.26	100.76	70.55
24	102.60	69.64	102.40	69.94	102.19	70.23	101.99	70.53	101.78	70.83	101.57	71.12
25	103.43	70.20	103.22	70.50	103.02	70.80	102.81	71.10	102.60	71.40	102.39	71.70
26	104.25	70.76	104.05	71.07	103.84	71.37	103.63	71.67	103.42	71.97	103.21	72.27
27	105.08	71.32	104.87	71.63	104.66	71.93	104.45	72.24	104.24	72.54	104.03	72.84
28	105.91	71.88	105.70	72.19	105.49	72.50	105.28	72.81	105.06	73.11	104.85	73.42
29	106.74	72.45	106.52	72.76	106.31	73.07	106.10	73.38	105.89	73.68	105.67	73.99
130	107.56	73.01	107.35	73.32	107.14	73.63	106.92	73.94	106.71	74.25	106.49	74.57
31	108.39	73.57	108.18	73.89	107.96	74.20	107.74	74.51	107.53	74.83	107.31	75.14
32	109.22	74.18	109.00	74.46	108.79	74.77	108.57	75.08	108.35	75.40	108.18	75.71
33	110.05	74.69	109.83	75.01	109.61	75.33	109.39	75.65	109.17	75.97	108.95	76.29
34	110.87	75.25	110.65	75.58	110.48	75.90	110.21	76.22	109.99	76.54	109.77	76.86
35	111.70	75.82	111.48	76.14	111.26	76.47	111.03	76.79	110.81	77.11	110.59	77.43
36	112.53	76.38	112.30	76.71	112.08	77.03	111.86	77.36	111.63	77.68	111.40	78.01
37	113.36	76.94	113.13	77.27	112.91	77.60	112.68	77.90	112.45	78.25	112.22	78.58
38	114.18	77.50	113.96	77.83	113.73	78.16	113.50	78.49	113.27	78.82	113.04	79.15
39	115.01	78.06	114.78	78.40	114.55	78.73	114.32	79.06	114.09	79.40	113.86	79.73
140	115.84	78.62	115.61	78.96	115.38	79.30	115.15	79.63	114.91	79.97	114.68	80.30
41	116.66	79.19	116.43	79.53	116.20	79.86	115.97	80.30	115.74	80.54	115.50	80.87
42	117.49	79.75	117.26	80.09	117.03	80.43	116.79	80.77	116.56	81.11	116.32	81.45
43	118.32	80.31	118.09	80.65	117.85	81.00	117.61	81.34	117.38	81.68	117.14	82.02
44	119.15	80.87	118.91	81.22	118.67	81.56	118.44	81.91	118.20	82.25	117.96	82.60
45	119.97	81.43	119.74	81.78	119.50	82.13	119.26	82.48	119.02	82.82	118.78	83.17
46	120.80	81.99	120.56	82.35	120.32	82.70	120.08	83.04	119.84	83.39	119.60	83.74
47	121.63	82.56	121.39	82.91	121.15	83.26	120.90	83.61	120.66	83.96	120.42	84.32
48	122.46	83.12	122.21	83.47	121.97	83.83	121.73	84.18	121.48	84.54	121.23	84.89
49	123.28	83.68	123.04	84.04	122.80	84.40	122.55	84.75	122.30	85.11	122.05	85.46
150	124.11	84.24	123.87	84.60	123.62	84.96	123.37	85.32	123.12	85.68	122.87	86.04
51	124.94	84.80	124.69	85.17	124.44	85.53	124.19	85.89	123.94	86.25	123.69	86.61
52	125.77	85.86	125.52	85.73	125.27	86.09	125.02	86.46	124.76	86.82	124.51	87.18
53	126.59	85.92	126.34	86.29	126.09	86.66	125.84	87.03	125.59	87.39	125.33	87.76
54	127.42	86.49	127.17	86.86	126.92	87.23	126.66	87.60	126.41	87.96	126.15	88.33
55	128.25	87.05	127.99	87.42	127.74	87.79	127.48	88.16	127.23	88.53	126.97	88.90
56	129.08	87.61	128.82	87.99	128.56	88.36	128.31	88.73	128.05	89.11	127.79	89.48
57	129.90	88.17	129.65	88.55	129.39	88.93	129.13	89.30	138.87	89.68	128.61	90.05
58	130.73	88.73	130.47	89.11	130.21	89.49	129.95	89.87	129.69	90.25	129.43	90.63
59	131.56	89.29	131.30	89.68	131.04	90.06	130.77	90.44	130.51	90.82	130.24	91.20
160	132.39	89.86	132.12	90.24	131.86	90.63	131.60	91.01	131.33	91.39	131.06	91.77
61	133.21	90.42	132.95	90.81	132.68	91.19	132.42	91.58	132.15	91.96	131.88	92.35
62	134.04	90.98	133.77	91.37	133.51	91.76	133.24	92.15	132.97	92.53	132.70	92.92
63	134.87	91.54	134.60	91.93	134.33	92.32	134.06	92.71	133.79	93.10	133.52	93.49
64	135.70	92.10	135.43	92.50	135.16	92.89	134.89	93.28	134.61	93.68	134.34	94.06
65	136.52	92.66	136.25	93.06	135.98	93.46	135.71	93.85	135.44	94.26	135.16	94.64
66	137.35	93.23	137.08	93.63	136.81	94.02	136.53	94.42	136.26	94.82	135.98	95.21
67	138.18	93.76	137.90	94.19	137.63	94.59	137.35	94.99	137.08	95.39	136.80	95.79
68	139.00	94.85	138.73	94.75	138.45	95.16	138.18	95.56	137.90	95.96	137.62	96.36
69	139.83	93.91	139.56	95.32	139.28	95.72	139.00	96.13	138.72	96.53	138.44	96.94
170	140.66	95.47	140.38	95.88	140.10	96.29	139.82	96.70	139.54	97.10	139.26	97.51
71	141.49	96.03	141.21	96.45	140.93	96.86	140.64	97.26	140.36	97.67	140.07	98.08
72	142.31	96.60	142.03	97.01	141.75	97.42	141.47	97.83	141.18	98.24	140.89	98.66
73	143.14	97.16	142.86	97.57	142.57	97.99	142.29	98.40	142.00	98.82	141.71	99.23
74	143.97	97.72	143.68	98.14	143.40	98.56	143.11	98.97	142.82	99.39	142.53	99.80
75	144.80	98.28	144.51	98.70	144.22	99.12	143.93	99.54	143.64	99.96	143.35	100.38
76	145.62	98.84	145.34	99.27	145.05	99.69	144.76	100.11	144.46	100.53	144.17	100.95
77	146.45	99.40	146.16	99.83	145.87	100.25	145.58	100.68	145.29	101.10	144.99	101.52
78	147.28	99.96	146.99	100.39	146.70	100.82	146.40	101.25	146.11	101.67	145.81	102.10
79	148.11	100.53	147.81	100.96	147.52	101.39	147.22	101.82	146.93	102.24	146.63	102.67
180	148.93	101.09	148.64	101.52	148.34	101.95	148.03	102.38	147.75	102.81	147.45	103.24

'	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	149.76	101.65	149.46	102.09	149.17	102.52	148.87	102.95	148.57	103.39	148.27	103.82
82	150.59	102.21	150.29	102.65	149.99	103.09	149.69	103.52	149.39	103.96	149.09	104.39
83	151.42	102.77	151.12	103.21	150.82	103.65	150.51	104.09	150.21	104.53	149.90	104.97
84	152.24	103.33	151.94	103.78	151.64	104.22	151.34	104.66	151.03	105.10	150.72	105.54
85	153.07	103.90	152.77	104.34	152.46	104.79	152.16	105.23	151.85	105.67	151.54	106.11
86	153.90	104.46	153.59	104.91	153.29	105.35	152.98	105.80	152.67	106.24	152.36	106.69
87	154.73	105.02	154.42	105.47	154.11	105.92	153.80	106.37	153.49	106.81	153.18	107.26
88	155.55	105.58	155.24	106.03	154.94	106.49	154.63	106.93	154.31	107.38	154.00	107.83
89	156.38	106.14	156.07	106 60	155.75	107.05	155.45	107.50	155.13	107.95	154.82	108.41
190	157.21	106.70	156.90	107.16	156.58	107.62	156.27	108.07	155.96	108.53	155.64	108.98
91	158.04	107.27	157.73	107.73	157.41	108.18	157.09	108.64	156.78	109.10	156.46	109.55
92	158.86	107.83	158.59	108.29	158.23	108.75	157.92	109.21	157.60	109.67	157.28	110.13
93	159.69	108.39	159.37	108.85	159.06	109.32	158.74	109.78	158.42	110.24	158.10	110.70
94	160.52	108.95	160.20	109.42	159.88	109.88	159.56	110.35	159.24	110.81	158.92	111.27
95	161.34	109.51	161.03	109.98	160.71	110.45	160.38	110.92	160.06	111.38	159.73	111.85
96	162.17	110.07	161.85	110.55	161.53	111.02	161.21	111.48	160.88	111.95	160.55	112.42
97	163.00	110.64	162.68	111.11	162.35	111.58	162.03	112.05	161.70	112.52	161.37	113.00
98	163.83	111.20	163.50	111.67	163.18	112.15	162.85	112.62	162.52	113.10	162.19	113.57
99	164.65	111.76	164.33	112.24	164.00	112.72	163.67	113.19	163.34	113.67	163.01	114.14
200	165.48	112.32	165.15	112.80	164.83	113.28	164.50	113.76	164.16	114.24	163.83	114.72
01	166.31	112.88	165.98	113.37	165.65	113.85	165.32	114.33	164.98	114.81	164.65	115.29
02	167.14	113.44	166.81	113.93	166.47	114.41	166.14	114.90	165.81	115.38	165.47	115.86
03	167.96	114.00	167.63	114.49	167.30	114.98	166.96	115.47	166.63	115.95	166.29	116.44
04	168.79	114.57	168.46	115.06	168.12	115.55	167.79	116.04	167.45	116.52	167.11	117.01
05	169.62	115.13	169.28	115.62	168.95	116.11	168.61	116.60	168.27	117.09	167.93	117.58
06	170.45	115.69	170.11	116.19	169.77	116.68	169.43	117.17	169.09	117.67	168.74	118.16
07	171.27	116.25	170.93	116.75	170.59	117.25	170.25	117.74	169.91	118.24	169.56	118.73
08	172.10	115.81	171.76	117.31	171.42	117.81	171.08	118.31	170.73	118.81	170.38	119.30
09	172.93	117.37	172.59	117.88	172.24	118.38	171.90	118.88	171.55	119.38	171.20	119.88
210	173.76	117.94	173.41	118.44	173.07	118.95	172.72	119.45	172.37	119.95	172.02	120.45
11	174.58	118.50	174.24	119.01	173.89	119.51	173.54	120.02	173.19	120.52	172.84	121.03
12	175.41	119.06	175.06	119.57	174.72	120.08	174.37	120.59	174.01	121.09	173.66	121.60
13	176.24	119.62	175.89	120.13	175.54	120.65	175.19	121.15	174.83	121.66	174.48	122.17
14	177.07	120.18	176.71	120.70	176.36	121.21	176.01	121.72	175.66	122.23	175.30	122.75
15	177.89	120.74	177.54	121.26	177.19	121.78	176.83	122.29	176.48	122.81	176.12	123.32
16	178.72	121.31	178.37	121.83	178.01	122.34	177.66	122.86	177.30	123.38	176.94	123.89
17	179.55	121.87	179.19	122.39	178.84	122.91	178.48	123.43	178.12	123.95	177.76	124.47
18	180.38	122.43	180.02	122.95	179.66	123.48	179.30	124.00	178.94	124.52	178.57	125.04
19	181.20	122.99	180.84	123.52	180.48	124.04	180.12	124.57	179.76	125.09	179.39	125.61
220	182.03	123.55	181.67	124.08	181.31	124.61	180.95	125.14	180.58	125.66	180.21	126.19
21	182.86	124.11	182.50	124.65	182.13	125.18	181.77	125.70	181.40	126.23	181.03	126.76
22	183.69	124.68	183.32	125.21	182.96	125.74	182.59	126.27	182.22	126.80	181.85	127.33
23	184.51	125.24	184.15	125.77	183.78	126.31	183.41	126.84	183.04	127.38	182.67	127.91
24	185.34	125.80	184.97	126.34	184.61	126.88	184.24	127.41	183.86	127.95	183.49	128.48
25	186.17	126.36	185.80	126.90	185.43	127.44	185.06	127.98	184.68	128.52	184.31	129.06
26	186.99	126.92	186.62	127.47	186.25	128.01	185.88	128.55	185.51	129.09	185.13	129.63
27	187.82	127.48	187.45	128.03	187.08	128.58	186.70	129.12	186.33	129.66	185.95	130.20
28	188.65	128.04	188.28	128.59	187.90	129.14	187.53	129.69	187.15	130.23	186.77	130.78
29	189.48	128.61	189.10	129.16	188.73	129.71	188.35	130.26	187.97	130.89	187.59	131.35
230	190.30	129.17	189.93	129.72	189.55	130.27	189.17	130.82	188.79	131.37	188.40	131.92
31	191.18	129.73	190.75	130.29	190.37	130.84	189.99	131.39	189.61	131.94	189.22	132.50
32	191.96	130.29	191.58	130.85	191.20	131.41	190.82	131.96	190.43	132.52	190.04	133.07
33	192.79	130.85	192.40	131.41	192.02	131.97	191.64	132.53	191.25	133.09	190.86	133.64
34	193.61	131.41	193.23	131.98	192.85	132.54	192.46	133.10	192.07	133.66	191.68	134.22
35	194.44	131.98	194.06	132.55	193.67	133.11	193.28	133.67	192.89	134.23	192.50	134.79
36	195.27	132.54	194.88	133.11	194.49	133.67	194.11	134.24	193.71	134.80	193.32	135.36
37	196.10	133.10	195.71	133.68	195.32	134.24	194.93	134.81	194.53	135.37	194.14	135.94
38	196.92	133.66	196.53	134.23	196.14	134.81	195.75	135.37	195.36	135.94	194.96	136.51
39	197.75	134.22	197.36	134.80	196.97	136.37	196.57	135.94	196.18	136.51	195.78	137.09
140	198.58	134.78	198.18	135.36	197.79	136.94	197.40	136.51	197.00	137.09	196.60	137.66

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	199.41	135.35	199.01	135.93	198.62	136.50	198.22	137.08	197.82	137.66	197.42	138.23
42	200.23	135.91	199.84	136.49	199.44	137.07	199.04	137.65	198.64	138.28	198.23	138.81
43	201.06	136.47	200.66	137.05	200.26	137.64	199.86	138.22	199.46	138.80	199.05	139.38
44	201.89	137.03	201.49	137.62	201.09	138.20	200.69	138.79	200.28	139.37	199.87	139.95
45	202.72	137.59	202.31	138.18	201.91	138.77	201.51	139.36	201.10	139.94	200.69	140.53
46	203.54	138.15	203.14	138.75	202.74	139.34	202.33	139.92	201.92	149.51	201.51	141.10
47	204.37	138.72	203.97	139.31	203.56	139.90	203.15	140.49	202.74	141.08	202.33	141.67
48	205.20	139.28	204.79	139.87	204.38	140.47	203.98	141.06	203.56	141.66	203.15	142.25
49	206.03	139.84	205.62	140.44	205.21	141.04	204.80	141.63	204.38	142.23	203.97	142.82
250	206.85	140.40	206.44	141.00	206.03	141.60	205.62	142.20	205.21	142.80	204.79	143.40
51	207.68	140.96	207.27	141.57	206.86	142.17	206.44	142.77	206.03	143.37	205.61	143.97
52	208.51	141.52	208.09	142.13	207.68	142.74	207.26	143.34	206.85	143.94	206.43	144.54
53	209.33	142.08	208.92	142.69	208.50	143.30	208.09	143.91	207.67	144.51	207.25	145.12
54	210.16	142.65	209.75	143.26	209.33	143.87	208.91	144.48	208.49	145.08	208.06	145.69
55	210.99	143.21	210.57	143.82	210.15	144.43	209.73	145.04	209.31	145.65	208.88	146.26
56	211.82	143.77	211.40	144.39	210.98	145.00	210.55	145.61	210.13	146.22	209.70	146.84
57	212.64	144.33	212.22	144.95	211.80	145.57	211.38	146.18	210.95	146.80	210.52	147.41
58	213.47	144.89	213.05	145.51	212.63	146.13	212.20	146.75	211.77	147.37	211.34	147.98
59	214.30	145.45	213.87	146.08	213.45	146.70	213.02	147.32	212.59	147.94	212.16	148.56
260	215.13	146.02	214.70	146.64	214.27	147.27	213.84	147.89	213.41	148.51	212.98	149.13
61	215.95	146.58	215.53	147.21	215.10	147.83	214.67	148.46	214.23	149.08	213.80	149.70
62	216.78	147.14	216.35	147.77	215.92	148.40	215.49	149.03	215.05	149.65	214.62	150.28
63	217.61	147.70	217.18	148.33	216.75	148.97	216.31	149.59	215.88	150.22	215.44	150.85
64	218.44	148.26	218.00	148.90	217.57	149.53	217.13	150.16	216.70	150.79	216.26	151.43
65	219.26	148.82	218.83	149.46	218.39	150.10	217.96	150.73	217.52	151.37	217.07	152.00
66	220.09	149.39	219.65	150.03	219.22	150.67	218.78	151.30	218.34	151.94	217.89	152.57
67	220.92	149.95	220.48	150.59	220.04	151.23	219.60	151.87	219.16	152.51	218.71	153.15
68	221.75	150.51	221.31	151.15	220.87	151.80	220.42	152.44	219.98	153.08	219.53	153.72
69	222.57	151.07	222.13	151.72	221.69	152.36	221.25	153.01	220.80	153.65	220.35	154.29
270	223.40	151.63	222.96	152.28	222.52	152.93	222.07	153.58	221.62	154.22	221.17	154.87
71	224.23	152.19	223.78	152.85	223.34	153.50	222.89	154.14	222.44	154.79	221.99	155.44
72	225.06	152.76	224.61	153.41	224.16	154.06	223.71	154.71	223.26	155.36	222.81	156.01
73	225.88	153.32	225.44	153.97	224.99	154.63	224.54	155.28	224.08	155.93	223.63	156.59
74	226.71	153.88	226.26	154.54	225.81	155.20	225.36	155.85	224.90	156.51	224.45	157.16
75	227.54	154.44	227.09	155.10	226.64	155.76	226.18	156.42	225.73	157.08	225.27	157.73
76	228.37	155.00	227.91	155.67	227.46	156.33	227.00	156.99	226.55	157.65	226.09	158.31
77	229.19	155.56	228.74	156.23	228.28	156.90	227.83	157.56	227.37	158.22	226.90	158.88
78	230.02	156.12	229.56	156.79	229.11	157.46	228.65	158.13	228.19	158.79	227.72	159.46
79	230.85	156.69	230.39	157.36	229.93	158.03	229.47	158.70	229.01	159.36	228.54	160.03
280	231.67	157.25	231.22	157.92	230.76	158.59	230.29	159.26	229.83	159.93	229.36	160.60
81	232.50	157.81	232.04	158.49	231.58	159.16	231.12	159.83	230.65	160.50	230.18	161.18
82	233.33	158.37	232.87	159.05	232.40	159.73	231.94	160.40	231.47	161.08	231.00	161.75
83	234.16	158.93	233.69	159.61	233.23	160.29	232.76	160.97	232.29	161.65	231.82	162.32
84	234.98	159.49	234.52	160.18	234.05	160.86	233.58	161.54	233.11	162.22	232.64	162.90
85	235.81	160.06	235.34	160.74	234.88	161.43	234.41	162.11	233.93	162.79	233.46	163.47
86	236.64	160.62	236.17	161.31	235.70	161.99	235.23	162.68	234.75	163.36	234.28	164.04
87	237.47	161.18	237.00	161.87	236.53	162.56	236.05	163.25	235.58	163.93	235.10	164.62
88	238.29	161.74	237.82	162.43	237.35	163.13	236.87	163.81	236.40	164.50	235.92	165.19
89	239.12	162.30	238.65	163.00	238.17	163.69	237.70	164.38	237.22	165.07	236.73	165.76
290	239.95	162.86	239.47	163.56	239.00	164.26	238.52	164.95	238.04	165.65	237.55	166.34
91	240.78	163.43	240.30	164.13	239.82	164.83	239.34	165.52	238.86	166.22	238.37	166.91
92	241.60	163.99	241.12	164.69	240.65	165.39	240.16	166.09	239.68	166.79	239.19	167.49
93	242.43	164.55	241.95	165.25	241.47	165.96	240.99	166.66	240.50	167.36	240.01	168.06
94	243.26	165.11	242.78	165.82	242.29	166.52	241.81	167.23	241.32	167.93	240.83	168.63
95	244.09	165.67	243.60	166.38	213.12	167.09	242.63	167.80	242.14	168.50	241.65	169.21
96	244.91	166.23	244.43	166.95	243.94	167.66	243.45	168.36	242.96	169.07	242.47	169.78
97	245.74	166.80	245.25	167.51	244.77	168.22	244.28	168.93	243.78	169.64	243.29	170.35
98	246.57	167.36	246.08	168.07	245.59	168.79	245.10	169.50	244.60	170.21	244.11	170.98
99	247.40	167.92	246.91	168.64	246.41	169.36	245.92	170.07	245.43	170.79	244.93	171.50
300	248.22	168.48	247.73	169.20	247.24	169.92	246.74	170.64	246.25	171.36	245.75	172.07

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.82	0.58	0.82	0.58	0.81	0.58	0.81	0.58	0.81	0.59	0.81	0.59
2	1.63	1.15	1.63	1.16	1.63	1.16	1.62	1.17	1.62	1.17	1.62	1.18
3	2.45	1.73	2.45	1.73	2.44	1.74	2.44	1.76	2.43	1.76	2.43	1.76
4	3.27	2.30	3.26	2.31	3.26	2.32	3.25	2.33	3.24	2.34	3.24	2.35
5	4.09	2.88	4.08	2.89	4.07	2.90	4.06	2.92	4.05	2.93	4.05	2.94
6	4.90	3.46	4.89	3.47	4.88	3.48	4.87	3.50	4.86	3.51	4.85	3.53
7	5.72	4.03	5.71	4.05	5.70	4.06	5.69	4.08	5.68	4.10	5.66	4.11
8	6.54	4.61	6.53	4.63	6.51	4.63	6.50	4.66	6.49	4.68	6.47	4.70
9	7.36	5.18	7.34	5.20	7.33	5.23	7.31	5.25	7.30	5.27	7.28	6.29
10	8.17	5.76	8.16	5.78	8.14	5.81	8.12	5.83	8.11	5.85	8.09	5.88
11	8.99	6.34	8.97	6.36	8.96	6.39	8.94	6.41	8.92	6.44	8.90	6.47
12	9.81	6.91	9.79	6.94	9.77	6.97	9.75	7.00	9.73	7.03	9.71	7.05
13	10.63	7.49	10.61	7.52	10.58	7.55	10.56	7.58	10.54	7.61	10.52	7.64
14	11.44	8.06	11.42	8.10	11.40	8.13	11.37	8.16	11.35	8.20	11.33	8.23
15	12.26	8.64	12.24	8.67	12.21	8.71	12.19	8.75	12.16	8.78	12.14	8.82
16	13.08	9.22	13.05	9.25	13.03	9.29	13.00	9.33	12.97	9.37	12.94	9.40
17	13.90	9.79	13.87	9.83	13.84	9.87	13.81	9.91	13.78	9.95	13.75	9.99
18	14.71	10.37	14.68	10.41	14.65	10.45	14.62	10.50	14.59	10.54	14.56	10.58
19	15.53	10.94	15.50	10.99	15.47	11.03	15.44	11.08	15.40	11.12	15.37	11.17
20	16.35	11.52	16.32	11.57	16.28	11.61	16.25	11.66	16.21	11.71	16.18	11.76
21	17.17	12.10	17.13	12.14	17.10	12.19	17.06	12.24	17.03	12.29	16.99	12.34
22	17.98	12.67	17.95	12.72	17.91	12.78	17.87	12.83	17.84	12.88	17.80	12.93
23	18.80	13.25	18.76	13.30	18.73	13.36	18.69	13.41	18.65	13.46	18.61	13.52
24	19.62	13.82	19.58	13.88	19.54	13.94	19.50	13.99	19.46	14.05	19.42	14.11
25	20.44	14.40	20.40	14.46	20.35	14.52	20.31	14.58	20.27	14.64	20.23	14.69
26	21.25	14.97	21.21	15.04	21.17	15.10	21.12	15.16	21.08	15.22	21.03	15.28
27	22.07	15.55	22.03	15.61	21.98	15.68	21.94	15.74	21.89	15.81	21.84	15.87
28	22.89	16.13	22.84	16.19	22.80	16.26	22.75	16.33	22.70	16.39	22.65	16.46
29	23.71	16.70	23.66	16.77	23.61	16.84	23.56	16.91	23.51	16.98	23.46	17.05
30	24.52	17.28	24.47	17.35	24.42	17.42	24.37	17.49	24.32	17.56	24.27	17.63
31	25.34	17.85	25.29	17.93	25.24	18.00	25.19	18.08	25.13	18.15	25.08	18.22
32	26.16	18.43	26.11	18.51	26.05	18.58	26.00	18.66	25.94	18.73	25.89	18.81
33	26.98	19.01	26.92	19.08	26.87	19.16	26.81	19.24	26.75	19.32	26.70	19.40
34	27.79	19.58	27.74	19.66	27.68	19.74	27.62	19.82	27.56	19.90	27.51	19.98
35	28.61	20.16	28.55	20.24	28.49	20.32	28.43	20.41	28.38	20.49	28.32	20.57
36	29.43	20.73	29.37	20.82	29.31	20.91	29.25	20.99	29.19	21.08	29.12	21.16
37	30.25	21.31	30.18	21.40	30.12	21.49	30.06	21.57	30.00	21.66	29.93	21.75
38	31.06	21.89	31.00	21.98	30.94	22.07	30.87	22.16	30.81	22.25	30.74	22.34
39	31.88	22.46	31.82	22.55	31.75	22.65	31.68	22.74	31.62	22.83	31.55	22.92
40	32.70	23.04	32.63	23.13	32.56	23.23	32.50	23.32	32.43	23.42	32.36	23.51
41	33.52	23.61	33.45	23.71	33.38	23.81	33.31	23.91	33.24	24.00	33.17	24.10
42	34.33	24.19	34.26	24.29	34.19	24.39	34.12	24.49	34.05	24.59	33.98	24.69
43	35.15	24.77	35.08	24.87	35.01	24.97	34.93	25.07	34.86	25.17	34.79	25.27
44	35.97	25.34	35.90	25.45	35.82	25.56	35.75	25.66	35.67	25.76	35.60	25.86
45	36.79	25.92	36.71	26.02	36.64	26.13	36.56	26.24	36.48	26.34	36.41	26.45
46	37.60	26.49	37.53	26.60	37.46	26.71	37.37	26.82	37.29	26.93	37.21	27.04
47	38.42	27.07	38.34	27.18	38.26	27.29	38.18	27.40	38.10	27.52	38.02	27.63
48	39.24	27.65	39.16	27.76	39.08	27.87	39.00	27.99	38.91	28.10	38.83	28.21
49	40.06	28.22	39.97	28.34	39.89	28.46	39.81	28.57	39.73	28.69	39.64	28.80
50	40.87	28.80	40.79	28.92	40.71	29.04	40.62	29.15	40.54	29.27	40.45	29.39
51	41.69	29.37	41.61	29.49	41.52	29.62	41.43	29.74	41.35	29.86	41.26	29.98
52	42.51	29.95	42.42	30.07	42.33	30.20	42.25	30.32	42.16	30.44	42.07	30.57
53	43.33	30.53	43.24	30.65	43.15	30.78	43.06	30.90	42.97	31.03	42.88	31.15
54	44.14	31.10	44.05	31.23	43.96	31.36	43.87	31.49	43.78	31.61	43.69	31.74
55	44.96	31.68	44.87	31.81	44.78	31.94	44.68	32.07	44.59	32.20	44.50	32.33
56	45.78	32.25	45.68	32.39	45.59	32.52	45.50	32.65	45.40	32.78	45.31	32.92
57	46.60	32.83	46.50	32.96	46.40	33.10	46.31	33.23	46.21	33.37	46.11	33.50
58	47.41	33.41	47.32	33.54	47.22	33.68	47.12	33.82	47.02	33.95	46.92	34.09
59	48.23	33.98	48.13	34.12	48.03	34.26	47.93	34.40	47.83	34.54	47.73	34.68
60	49.05	34.56	48.95	34.70	48.85	34.84	48.75	34.98	48.64	35.13	48.54	35.27
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

Dia.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	49.87	35.13	49.76	35.28	49.66	35.42	49.56	35.57	49.45	35.71	49.35	35.86
62	50.69	35.71	50.58	35.86	50.48	36.00	50.37	36.15	50.26	36.30	50.16	36.44
63	51.50	36.29	51.40	36.43	51.29	36.58	51.18	36.73	51.08	36.88	50.97	37.03
64	52.32	36.86	52.21	37.01	52.10	37.16	51.99	37.32	51.89	37.47	51.78	37.62
65	53.14	37.44	53.03	37.59	52.92	37.75	52.81	37.90	52.70	38.05	52.59	38.21
66	53.95	38.01	53.84	38.17	53.73	38.33	53.62	38.48	53.51	38.64	53.40	38.79
67	54.77	38.59	54.66	38.75	54.55	38.91	54.43	39.07	54.32	39.22	54.20	39.38
68	55.59	39.17	55.47	39.33	55.36	39.49	55.24	39.65	55.13	39.81	55.01	39.97
69	56.41	39.74	56.29	39.90	56.17	40.07	56.06	40.23	55.94	40.39	55.82	40.56
70	57.22	40.32	57.11	40.48	56.99	40.65	56.87	40.81	56.75	40.98	56.63	41.15
71	58.04	40.89	57.92	41.06	57.80	41.23	57.68	41.40	57.56	41.57	57.44	41.73
72	58.86	41.47	58.74	41.64	58.62	41.81	58.49	41.98	58.37	43.15	58.25	42.32
73	59.68	42.05	59.55	42.22	59.43	42.39	59.31	42.56	59.18	42.74	59.06	42.91
74	60.49	42.62	60.37	42.80	60.24	42.97	60.12	43.15	59.99	43.32	59.87	43.50
75	61.31	43.20	61.19	43.37	61.06	43.55	60.93	43.73	60.80	43.91	60.68	44.08
76	62.13	43.77	62.00	43.95	61.87	44.13	61.74	44.31	61.61	44.49	61.49	44.67
77	62.95	44.35	62.82	44.53	62.69	44.71	62.56	44.90	62.43	45.08	62.29	45.26
78	63.76	44.92	63.63	45.11	63.50	45.29	63.37	45.48	63.24	45.66	63.10	45.85
79	64.58	45.50	64.45	45.69	64.32	45.88	64.18	46.06	64.05	46.25	63.91	46.44
80	65.40	46.08	65.26	46.27	65.13	46.46	64.99	46.65	64.86	46.83	64.72	47.02
81	66.22	46.65	66.08	46.84	65.94	47.04	65.81	47.23	65.67	47.42	65.53	47.61
82	67.03	47.23	66.90	47.42	66.76	47.62	66.62	47.81	66.48	48.01	66.34	48.20
83	67.85	47.80	67.71	48.00	67.57	48.20	67.43	48.39	67.29	48.59	67.15	48.79
84	68.67	48.38	68.53	48.58	68.39	48.78	68.24	48.98	68.10	49.18	67.96	49.37
85	69.49	48.96	69.34	49.16	69.20	49.36	69.06	49.56	68.91	49.76	68.77	49.96
86	70.30	49.53	70.16	49.74	70.01	49.94	69.87	50.14	69.72	50.35	69.58	50.55
87	71.12	50.11	70.97	50.31	70.83	50.52	70.68	50.73	70.53	50.93	70.38	51.14
88	71.94	50.68	71.79	50.89	71.64	51.10	71.49	51.31	71.34	51.52	71.19	51.73
89	72.76	51.26	72.61	51.47	72.46	51.68	72.31	51.89	72.15	52.10	72.00	52.31
90	73.57	51.84	73.42	52.05	73.27	52.26	73.12	52.48	72.96	52.69	72.81	52.90
91	74.39	52.41	74.24	52.63	74.08	52.84	73.93	53.06	73.78	53.27	73.62	53.49
92	75.21	52.99	75.05	53.21	74.90	53.42	74.74	53.64	74.59	53.86	74.43	54.08
93	76.03	53.56	75.87	53.78	75.71	54.01	75.56	54.23	75.40	54.44	75.24	54.66
94	76.84	54.14	76.69	54.36	76.53	54.59	76.37	54.81	76.21	55.03	76.05	55.25
95	77.66	54.72	77.50	54.94	77.34	55.17	77.18	55.39	77.02	55.62	76.86	55.84
96	78.48	55.29	78.32	55.52	78.16	55.75	77.99	55.97	77.83	56.20	77.67	56.43
97	79.30	55.87	79.13	56.10	78.97	56.33	78.80	56.56	78.64	56.79	78.47	57.02
98	80.11	56.44	79.95	56.68	79.78	56.91	79.62	57.14	79.45	57.37	79.28	57.60
99	80.93	57.02	80.76	57.25	80.60	57.49	80.43	57.72	80.26	57.96	80.09	58.19
100	81.75	57.60	81.58	57.83	81.41	58.07	81.24	58.31	81.07	58.54	80.90	58.78
101	82.57	58.17	82.40	58.41	82.23	58.65	82.05	58.89	81.88	59.13	81.71	59.37
02	83.38	58.75	83.21	58.99	83.04	59.23	82.87	59.47	82.69	59.71	82.52	59.95
03	84.20	59.32	84.03	59.57	83.85	59.81	83.68	60.06	83.50	60.30	83.33	60.54
04	85.02	59.90	84.84	60.15	84.67	60.39	84.49	60.64	84.31	60.88	84.14	61.13
05	85.84	60.48	85.86	60.72	85.48	60.97	85.30	61.22	85.13	61.47	84.95	61.72
06	86.65	61.05	86.47	61.30	86.30	61.55	86.12	61.81	85.94	62.06	85.76	62.31
07	87.47	61.63	87.29	61.88	87.11	62.13	86.93	62.39	86.75	62.64	86.57	62.89
08	88.29	62.20	88.11	62.46	87.93	62.72	87.74	62.97	87.56	63.23	87.37	63.48
09	89.11	62.78	88.92	63.04	88.74	63.30	88.55	63.55	88.37	63.81	88.18	64.07
110	89.92	63.36	89.74	63.62	89.55	63.88	89.37	64.14	89.18	64.40	88.99	64.66
11	90.74	63.93	90.55	64.19	90.37	64.46	90.18	64.72	89.99	64.98	89.80	65.24
12	91.56	64.51	91.37	64.77	91.18	65.04	90.99	65.30	90.80	65.57	90.61	65.83
13	92.38	65.08	92.19	65.35	92.00	65.62	91.80	65.89	91.61	66.15	91.42	66.42
14	93.19	65.66	93.00	65.93	92.81	66.20	92.62	66.47	92.42	66.74	92.23	67.01
15	94.01	66.24	93.82	66.51	93.62	66.78	93.43	67.05	93.23	67.32	93.04	67.60
16	94.83	66.81	94.63	67.09	94.44	67.36	94.24	67.64	94.04	67.91	93.85	68.18
17	95.65	67.39	95.45	67.66	95.25	67.94	95.05	68.22	94.85	68.56	94.66	68.77
18	96.46	67.96	96.26	68.24	96.07	68.52	95.87	68.80	95.66	69.08	95.46	69.36
19	97.28	68.54	97.08	68.82	96.88	69.10	96.68	69.39	96.48	69.67	96.27	99.95
120	08.10	69.12	97.90	69.40	97.69	69.68	97.49	69.97	97.29	70.25	97.08	70.53

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	98.92	69.69	98.71	69.98	98.51	70.26	98.30	70.55	98.10	70.84	97.89	71.12
22	99.73	70.27	99.53	70.56	99.32	70.85	99.12	71.13	98.91	71.42	98.70	71.71
23	100.55	70.84	100.34	71.13	100.14	71.43	99.93	71.72	99.72	72.01	99.51	72.30
24	101.37	71.42	101.16	71.71	100.95	72.01	100.74	72.30	100.53	72.59	100.32	72.89
25	102.19	72.00	101.98	72.29	101.77	72.59	101.55	72.88	101.34	73.18	101.13	73.47
26	103.00	72.57	102.79	72.87	102.58	73.17	102.36	73.47	102.15	73.76	101.94	74.06
27	103.82	73.15	103.61	73.45	103.39	73.75	103.18	74.05	102.96	74.35	102.75	74.65
28	104.64	73.72	104.42	74.03	104.21	74.33	103.99	74.63	103.77	74.94	103.55	75.24
29	105.45	74.30	105.24	74.60	105.02	74.91	104.80	75.22	104.58	75.52	104.36	75.82
130	106.27	74.87	106.05	75.18	105.84	75.49	105.61	75.80	105.39	76.11	105.17	76.41
31	107.09	75.45	106.87	75.76	106.65	76.07	106.43	76.38	106.20	76.69	105.98	77.00
32	107.91	76.03	107.69	76.34	107.46	76.65	107.24	76.97	107.02	77.28	106.79	77.59
33	108.72	76.60	108.50	76.92	108.28	77.23	108.05	77.55	107.83	77.86	107.60	78.18
34	109.54	77.18	109.32	77.50	109.09	77.81	108.86	78.13	108.64	78.45	108.41	78.76
35	110.36	77.75	110.13	78.07	109.91	78.39	109.68	78.71	109.45	79.03	109.22	79.35
36	111.18	78.33	110.95	78.65	110.72	78.98	110.49	79.30	110.26	79.62	110.03	79.94
37	111.99	78.91	111.76	79.23	111.53	79.56	111.30	79.88	111.07	80.20	110.84	80.53
38	112.81	79.48	112.58	79.81	112.35	80.14	112.11	80.46	111.88	80.79	111.64	81.12
39	113.63	80.06	113.40	80.39	113.16	80.72	112.93	81.05	112.69	81.37	112.45	81.70
140	114.45	80.63	114.21	80.97	113.98	81.30	113.74	81.63	113.50	81.96	113.26	82.29
41	115.26	81.21	115.03	81.54	114.79	81.88	114.55	82.21	114.31	82.55	114.07	82.88
42	116.08	81.79	115.84	82.12	115.61	82.46	115.36	82.80	115.12	83.13	114.88	83.47
43	116.90	82.36	116.66	82.70	116 42	83.04	116.18	83.38	115.93	83.72	115.69	84.05
44	117.72	82.94	117.48	83.28	117.23	83.62	116.99	83.96	116.74	84.30	116.50	84.64
45	118.53	83.51	118.29	83.86	118.05	84.20	117.80	84.55	117.55	84.89	117.31	85.23
46	119.35	84.09	119.11	84.44	118.86	84.78	118.61	85.13	118.37	85.47	118.12	85.82
47	120.17	84.67	119.92	85.01	119.68	85.36	119.43	85.71	119.18	86.06	118.93	86.41
48	120.99	85.24	120.74	85.59	120.49	85.94	120.24	86.29	119.99	86.64	119.73	86.99
49	121.80	85.82	121.55	86.17	121.30	86.52	121.05	86.88	120.80	87.23	120.54	87.58
150	122.62	86.39	122.37	86.75	122.12	87.11	121.86	87.46	121.61	87.81	121.35	88.17
51	123.44	86.97	123.19	87.33	122.93	87.69	122.68	88.04	122.42	88.40	122.16	88.76
52	124.26	87.55	124.00	87.91	123.75	88.27	123.49	88.63	123.23	88.99	122.97	89.34
53	125.07	88.12	124.82	88.48	124.56	88.85	124.30	89.21	124.04	89.57	123.78	89.93
54	125.89	88.70	125.63	89.06	125.37	89.43	125.11	89.79	124.85	90.16	124.59	90.52
55	126.71	89.27	126.45	89.64	126.19	90.01	125.93	90.38	125.66	90.74	125.40	91.11
56	127.53	89.85	127.26	90.22	127.00	90.59	126.74	90.96	126.47	91.33	126.21	91.70
57	128.34	90.43	128.08	90.80	127.82	91.17	127.55	91.54	127.28	91.91	127.02	92.28
58	129.16	91.00	128.90	91.38	128.63	91.75	128.36	92.13	128.09	92.50	127.83	92.87
59	129.98	91.58	129.71	91.95	129.45	92.33	129.17	92.71	128.90	93.08	128.63	93.46
160	130.80	92.15	130.53	92.53	130.26	92.91	129.99	93.29	129.72	93.67	129.44	94.05
61	131.61	92.73	131.34	93.11	131.07	93.49	130.80	93.87	130.53	94.25	130.25	94.63
62	132.43	93.31	132.16	93.69	131.89	94.07	131.61	94.46	131.34	94.84	131.06	95.22
63	133.25	93.88	132.98	94.27	132.70	94.65	132.42	95.04	132.15	95.43	131.87	95.81
64	134.07	94.46	133.79	94.85	133.52	95.23	133.24	95.62	132.96	96.01	132.68	96.40
65	134.88	95.03	134.61	95.42	134.33	95.82	134.05	96.21	133.77	96.60	133.49	96.99
66	135.70	95.61	135.42	96.00	135.14	96.40	134.86	96.79	134.58	97.18	134.30	97.57
67	136.52	96.19	136.24	96.58	135.96	96.98	135.67	97.37	135.39	97.77	135.11	98.16
68	137.34	96.76	137.05	97.16	136.77	97.56	136.49	97.96	136.20	98.35	135.92	98.75
69	138.15	97.34	137.87	97.74	137.59	98.14	137.30	98.54	137.01	98.94	136.72	99.34
170	138.97	97.91	138.69	98.32	138.40	98.72	138.11	99.12	137.82	99.52	137.53	99.92
71	139.79	98.49	139.50	98.89	139.21	99.30	138.92	99.70	138.63	100.11	138.34	100.51
72	140.61	99.07	140.32	99.47	140.03	99.88	139.74	100.29	139.44	100.69	139.15	101.10
73	141.42	99.64	141.13	100.05	140.84	100.46	140.55	100.87	140.25	101.28	139.96	101.69
74	142.24	100.22	141.95	100.63	141.66	101.04	141.36	101.45	141.07	101.86	140.77	102.28
75	143.06	100.79	142.77	101.21	142.47	101.62	142.17	102.04	141.88	102.45	141.58	102.86
76	143.88	101.37	143.58	101.79	143.29	102.20	142.99	102.62	142.69	103.04	142.39	103.45
77	144.69	101.94	144.40	102.36	144.10	102.78	143.80	103.20	143.50	103.62	143.20	104.04
78	145.51	102.52	145.21	102.94	144.91	103.36	144.61	103.79	144.31	104.21	144.01	104.63
79	146.33	103.10	146.03	103.52	145.73	103.95	145.42	104.37	145.12	104.79	144.81	105.21
180	147.15	103.67	146.84	104.10	146.54	104.53	146.24	104.95	145.93	105.38	145.62	105.80

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		0'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	147.96	104.25	147.66	104.68	147.36	105.11	147.05	105.54	146.74	105.96	146.43	106.39
82	148.78	104.82	148.48	105.26	148.17	105.69	147.86	106.12	147.55	106.55	147.24	106.98
83	148.60	105.40	149.29	105.83	148.98	106.27	148.67	106.70	148.36	107.13	148.05	107.57
84	150.42	105.98	150.11	106.41	149.80	106.85	149.49	107.28	149.17	107.72	148.86	108.15
85	151.23	106.55	150.92	106.99	150.61	107.43	150.30	107.87	149.98	108.30	149.67	108.74
86	152.05	107.13	1 1.74	107.57	151.43	108.01	151.11	108.45	150.79	108.89	150.48	109.33
87	152.87	107.70	152.55	108.15	152.24	108.59	151.92	109.03	151.60	109.48	151.29	109.92
88	153.69	108.28	153.37	108.73	153.05	109.17	152.73	109.62	152.42	110.06	152.10	110.50
89	154.50	108.86	154.19	109.30	153.87	109.75	153.55	110.20	153.23	110.65	152.90	111.09
190	155.32	109.43	155.00	109.88	154.68	110.33	154.36	110.78	154.04	111.23	153.71	111.68
91	156.14	110.01	155.82	110.46	155.50	110.91	155.17	111.37	154.85	111.82	154.52	112.27
92	156.96	110.58	156.63	111.04	156.31	111.49	155.98	111.95	155.66	112.40	155.33	112.86
93	157.77	111.16	157.45	111.62	157.13	112.08	156.80	122.53	156.47	112.99	156.14	113.44
94	158.59	111.74	158.27	112.20	157.94	112.66	157.61	113.12	157.28	113.57	156.95	114.03
95	159.41	112.31	159.08	112.77	158.75	113.24	158.42	113.70	158.09	114.16	157.76	114.62
96	160.23	112.89	159.90	113.35	159.57	113.82	159.23	114.28	158.90	114.74	158.57	115.21
97	161.04	113.46	160.71	113.93	160.38	114.40	160.05	114.86	159.71	115.33	159.38	115.79
98	161.86	114.04	161.53	114.51	161.20	114.98	160.86	115.45	160.52	115.92	160.19	116.38
99	162.68	114.62	162.34	115.09	162.01	115.56	161.67	116.03	161.33	116.50	160.99	116.97
200	163.50	115.19	163.16	115.67	162.82	116.14	162.48	116.61	162.14	117.09	161.80	117.56
01	164.31	115.77	163.98	116.24	163.64	116.72	163.30	117.20	162.95	117.67	162.61	118.15
02	165.13	116.34	164.79	116.82	163.45	117.30	164.11	117.78	163.77	118.26	163.42	118.73
03	165.95	116.92	165.61	117.40	165.27	117.88	164.92	118.36	164.58	118.84	164.23	119.32
04	166.77	117.50	166.42	117.98	166.08	118.46	165.73	118.95	165.39	119.43	165.04	119.91
05	167.58	118.07	167.24	118.56	166.89	119.04	166.55	119.53	166.20	120.01	165.85	120.50
06	168.40	118.65	168.05	119.14	167.71	119.62	167.36	120.11	167.01	120.60	166.66	121.08
07	169.22	119.22	168.87	119.71	168.52	120.20	168.17	120.70	167.82	121.18	167.47	121.67
08	170.04	119.80	169.69	120.29	169.34	120.79	168.98	121.28	168.63	121.77	168.28	122.26
09	170.85	120.38	170.50	120.87	170.15	121.37	169.80	121.86	169.44	122.35	169.09	122.85
210	171.67	120.95	171.32	121.45	170.97	121.95	170.61	122.44	170.25	122.94	169.89	123.44
11	172.49	121.53	172.13	122.03	171.78	122.53	171.42	123.03	171.06	123.53	170.70	128.02
12	173.31	122.10	172.95	122.61	172.59	123.11	172.23	123.61	171.87	124.11	171.51	124.61
13	174.12	122.68	173.77	123.18	173.41	123.69	173.05	124.19	172.68	124.70	172.32	125.20
14	174.94	123.26	174.58	123.76	174.22	124.27	173.86	124.78	173.49	125.28	173.13	125.79
15	175.76	123.83	175.40	124.34	175.04	124.85	174.67	125.36	174.30	125.87	173.94	126.37
16	176.58	124.41	176.21	124.92	175.85	125.43	175.48	125.94	175.12	126.45	174.75	126.96
17	177.39	124.98	177.03	125.50	176.66	126.01	176.30	126.53	175.93	127.04	175.56	127.55
18	178.21	125.56	177.84	126.08	177.48	126.59	177.11	127.11	176.74	127.62	176.37	128.14
19	179.03	126.14	178.66	126.65	178.29	127.17	177.92	127.69	177.55	128.21	177.18	128.73
220	179.85	126.71	179.48	127.23	179.11	127.75	178.73	128.28	178.36	128.79	177.98	129.31
21	180.66	127.29	180.29	127.81	179.92	128.33	179.54	128.86	179.17	129.38	178.79	129.90
22	181.48	127.86	181.11	128.39	180.73	128.92	180.36	129.44	179.98	129.97	179.60	130.49
23	182.30	128.44	181.92	128.97	181.55	129.50	181.17	130.02	180.79	130.55	180.41	131.08
24	183.12	129.02	182.74	129.55	182.36	130.08	181.98	130.61	181.60	131.14	181.22	131.66
25	183.93	129.59	183.56	130.12	183.18	130.66	182.79	131.19	182.41	131.72	182.03	132.25
26	184.75	130.17	184.37	130.70	183.99	131.24	183.61	131.77	183.22	132.31	182.84	132.84
27	185.57	130.74	185.19	131.28	184.81	131.82	184.42	132.36	184.03	132.89	183.65	133.43
28	186.39	131.32	186.00	131.86	185.62	132.40	185.23	132.94	184.84	133.48	184.46	134.02
29	187.20	131.89	186.82	132.44	186.43	132.98	186.04	133.52	185.65	134.06	185.27	134.60
230	188.02	132.47	187.63	133.02	187.25	133.56	186.86	134.11	186.47	134.65	186.07	135.19
31	188.84	133.05	188.45	133.59	188.06	134.14	187 67	134.69	187.28	135.23	186.88	135.78
32	189.66	133.62	189.27	134.17	188.88	134.72	188.48	135.27	188.09	135.82	187.69	136.37
33	190.47	134.20	190.08	134.75	189.69	135.30	189.29	135.86	188.90	136.41	188.50	136.96
34	191.29	134.77	190.90	135.33	190.50	135.88	190.11	136.44	189.71	136.99	189.31	137.54
35	192.11	135.35	191.71	135.91	191.32	136.46	190.92	137.02	190.52	137.58	190.12	138.13
36	192.93	135.93	192.53	136.49	192.13	137.05	191.73	137.60	191.33	138.16	190.93	138.72
37	193.74	136.50	193.34	137.06	192.95	137.63	192.54	138.19	192.14	138.75	191.74	139.31
38	194.56	137.08	194.16	137.64	193.76	138.21	193.36	138.77	192.95	139.33	192.55	139.89
39	195.38	137.65	194.98	138.22	194.57	138.79	194.17	139.35	193.76	139.92	193.36	140.48
240	196.20	138.23	195.79	138.80	195.39	139.37	194.98	139.94	194.57	140.50	194.16	141.07
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dis	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	197.01	138.81	196.61	139.38	196.20	139.95	195.79	140.52	195.38	141.09	194.97	141.66
42	197.83	139.38	197.42	139.96	197.02	140.53	196.61	141.10	196.19	141.67	195.78	142.25
43	198.65	139.96	198.24	140.53	197.83	141.11	197.42	141.69	197.00	142.26	196.59	142.83
44	199.47	140.53	199.06	141.11	198.65	141.69	198.23	142.27	197.82	142.84	197.40	143.42
45	200.28	141.11	199.87	141.69	199.46	142.27	199.04	142.85	198.63	143.43	198.21	144.01
46	201.10	141.69	200.69	142.27	200.27	142.85	199.86	143.44	199.44	144.02	199.02	144.60
47	201.92	142.26	201.50	142.85	201.09	143.43	200.67	144.02	200.25	144.60	199.83	145.18
48	202.74	142.84	202.32	143.43	201.90	144.01	201.48	144.60	201.06	145.19	200.64	145.77
49	203.55	143.41	203.13	144.00	202.72	144.59	202.29	145.18	201.87	145.77	201.45	146.36
250	204.37	143.99	203.95	144.58	203.53	145.18	203.11	145.77	202.68	146.36	202.29	146.95
51	205.19	144.57	204.77	145.16	204.34	145.76	203.92	146.35	203.49	146.94	203.06	147.54
52	206.00	145.14	205.58	145.74	205.16	146.34	204.73	146.93	204.30	147.53	203.87	148.12
53	205.82	145.72	206.40	146.32	205.97	146.92	205.54	147.52	205.11	148.11	204.68	148.71
54	207.64	146.29	207.21	146.90	206.79	147.50	206.35	148.10	205.92	148.70	205.49	149.30
55	208.46	146.87	208.03	147.47	207.60	148.08	207.17	148.68	206.73	149.28	206.30	149.89
56	209.27	147.45	208.84	148.05	208.41	148.66	207.98	149.27	207.54	149.87	207.11	150.47
57	210.09	148.02	209.66	148.63	209.23	149.24	208.79	149.85	208.36	150.46	207.92	151.06
58	210.91	148.60	210.48	149.21	210.04	149.82	209.60	150.43	209.17	151.04	208.73	151.65
59	211.73	149.17	211.29	149.79	210.86	150.40	210.42	151.02	209.98	151.63	209.54	152.24
260	212.54	149.75	212.11	150.37	211.67	150.98	211.23	151.60	210.79	152.21	210.35	152.83
61	213.36	150.33	212.92	150.94	212.49	151.56	212.04	152.18	211.60	152.80	211.15	153.41
62	214.18	150.90	213.74	151.52	213.30	152.14	212.85	152.76	212.41	153.38	211.96	154.00
63	215.00	151.48	214.56	152.10	214.11	152.72	213.67	153.35	213.22	153.97	212.77	154.59
64	215.81	152.05	215.37	152.68	214.93	153.30	214.48	153.93	214.03	154.55	213.58	155.18
65	216.63	152.63	216.19	153.26	215.74	153.89	215.29	154.51	214.84	155.14	214.39	155.76
66	217.45	153.21	217.00	153.84	216.56	154.47	216.10	155.10	215.65	155.72	215.20	156.35
67	218.27	153.78	217.82	154.41	217.37	155.05	216.92	155.68	216.46	156.31	216.01	156.94
68	219.08	154.36	218.63	154.99	218.18	155.63	217.73	156.26	217.27	156.90	216.82	157.53
69	219.90	154.93	219.45	155.57	219.00	156.21	218.54	156.85	218.08	157.48	217.63	158.12
270	220.72	155.51	220.27	156.15	219.81	156.79	219.35	157.43	218.89	158.07	218.44	158.70
71	221.54	156.09	221.08	156.73	220.63	157.37	220.17	158.01	219.71	158.65	219.24	159.29
72	222.35	156.66	22 .90	157.31	221.44	157.95	220.98	158.60	220.52	159.24	220.05	159.88
73	223.17	157.24	222.71	157.88	222.25	158.53	221.79	159.18	221.33	159.82	220.86	160.47
74	223.99	157.81	223.53	158.46	223.07	159.11	222.60	159.76	222.14	160.41	221.67	161.05
75	224.81	158.39	224.35	159.04	223.88	159.69	223.42	160.34	222.95	160.99	222.48	161.65
76	225.62	158.96	225.16	159.62	224.70	160.27	224.23	160.93	223.76	161.58	223.19	162.23
77	226.44	159.54	225.98	160.20	225.51	160.85	225.04	161.51	224.57	162.16	224.10	162.82
78	227.26	160.12	226.79	160.78	226.33	161.43	225.85	162.09	225.38	162.75	224.91	163.41
79	228.08	160.69	227.61	161.35	227.14	162.02	226.67	162.68	226.19	163.33	225.72	163.99
280	228.89	161.27	228.42	161.93	227.95	162.60	227.48	163.26	227.00	163.92	226.53	164.58
81	229.71	161.84	229.24	162.51	228.77	163.19	228.29	163.85	227.81	164.51	227.33	165.17
82	230.53	162.42	230.06	163.09	229.58	163.76	229.10	164.43	228.62	165.09	228.14	165.76
83	231.35	163.00	230.87	163.67	230.40	164.34	229.91	165.01	229.43	165.68	228.95	166.34
84	232.16	163.57	231.69	164.25	231.21	164.92	230.73	165.59	230.24	166.26	229.76	166.93
85	232.98	164.15	232.50	164.82	232.02	165.50	231.54	166.18	231.06	166.85	230.57	167.52
86	233.80	164.72	233.32	165.40	232.84	166.08	232.35	166.76	231.87	167.43	231.38	168.11
87	234.62	165.30	234.13	165.98	233.65	166.66	233.16	167.34	232.68	168.02	232.19	168.70
88	235.43	165.88	234.95	166.56	234.47	167.24	233.98	167.92	233.49	168.60	233.00	169.28
89	236.25	166.45	235.77	167.14	235.28	167.82	234.79	168.51	234.30	169.19	233.81	169.87
290	237.07	167.03	236.58	167.72	236.09	168.40	235.60	169.09	235.11	169.77	234.62	170.46
91	237.89	167.60	237.40	168.29	236.91	168.98	236.41	169.67	235.92	170.36	235.42	171.05
92	238.70	168.18	238.21	168.87	237.72	169.56	237.23	170.26	236.73	170.95	236.23	171.63
93	239.52	168.76	239.03	169.45	238.54	170.15	238.04	170.84	237.54	171.53	237.04	172.22
94	240.34	169.33	239.85	170.03	239.35	170.73	238.85	171.42	238.35	172.12	237.85	172.81
95	241.16	169.91	240.66	170.61	240.17	171.31	239.66	172.01	239.16	172.70	238.66	173.40
96	241.97	170.48	241.48	171.19	240.98	171.89	240.48	172.59	239.97	173.29	239.47	173.99
97	242.79	171.06	242.29	171.76	241.79	172.47	241.29	173.17	240.78	173.87	240.28	174.57
98	243.61	171.64	243.11	172.34	242.61	173.05	242.10	173.75	241.59	174.46	241.09	175.16
99	244.43	172.21	243.92	172.92	243.42	173.63	242.91	174.34	242.41	175.04	241.90	175.75
300	245.24	172.79	244.74	173.50	244.24	174.21	243.73	174.92	243.22	175.63	242.71	176.34

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.81	0.59	0.81	0.59	0.80	0.59	0.80	0.60	0.80	0.60	0.80	0.60
2	1.61	1.18	1.61	1.18	1.61	1.19	1.60	1.19	1.60	1.20	1.60	1.20
3	2.42	1.77	2.42	1.78	2.41	1.78	2.41	1.79	2.40	1.80	2.40	1.81
4	3.23	2.36	3.22	2.37	3.22	2.38	3.21	2.39	3.20	2.40	3.19	2.41
5	4.04	2.95	4.03	2.96	4.02	2.97	4.01	2.99	4.00	3.00	3.99	3.01
6	4.84	3.54	4.83	3.55	4.82	3.57	4.81	3.58	4.80	3.60	4.79	3.61
7	5.65	4.13	5.64	4.15	5.63	4.16	5.62	4.18	5.60	4.20	5.59	4.21
8	6.46	4.72	6.44	4.74	6.43	4.76	6.42	4.78	6.40	4.80	6.39	4.81
9	7.26	5.31	7.25	5.33	7.23	5.35	7.22	5.37	7.20	5.40	7.19	5.42
10	8.07	5.90	8.06	5.92	8.04	5.95	8.02	5.97	8.00	5.99	7.99	6.02
11	8.88	6.49	8.86	6.52	8.84	6.54	8.82	6.57	8.80	6.59	8.79	6.62
12	9.69	7.08	9.67	7.11	9.65	7.14	9.63	7.17	9.60	7.19	9.58	7.22
13	10.49	7.67	10.47	7.70	10.45	7.73	10.43	7.76	10.40	7.79	10.38	7.82
14	11.30	8.26	11.28	8.29	11.25	8.33	11.23	8.36	11.21	8.39	11.18	8.43
15	12.11	8.85	12.08	8.89	12.06	8.92	12.03	8.96	12.01	8.99	11.98	9.03
16	12.92	9.44	12.89	9.48	12.86	9.52	12.83	9.55	12.81	9.59	12.78	9.63
17	13.72	10.03	13.69	10.07	13.67	10.11	13.64	10.15	13.61	10.19	13.58	10.23
18	14.53	10.62	14.50	10.66	14.47	10.71	14.44	10.75	14.41	10.79	14.38	10.83
19	15.34	11.21	15.31	11.26	15.27	11.30	15.24	11.35	15.21	11.39	15.17	11.43
20	16.15	11.80	16.11	11.85	16.08	11.90	16.04	11.94	16.01	11.99	15.97	12.04
21	16.95	12.39	16.92	12.44	16.88	12.49	16.84	12.54	16.81	12.59	16.77	12.64
22	17.76	12.98	17.72	13.03	17.68	13.09	17.65	13.14	17.61	13.19	17.57	13.24
23	18.57	13.57	18.53	13.63	18.49	13.68	18.45	13.73	18.41	13.79	18.37	13.84
24	19.38	14.16	19.33	14.22	19.29	14.28	19.25	14.33	19.21	14.39	19.17	14.44
25	20.18	14.75	20.14	14.81	20.10	14.87	20.05	14.93	20.01	14.99	19.97	15.05
26	20.99	15.34	20.95	15.40	20.90	15.47	20.86	15.53	20.81	15.59	20.76	15.65
27	21.80	15.93	21.75	16.00	21.70	16.06	21.66	16.12	21.61	16.19	21.56	16.25
28	22.60	16.52	22.56	16.59	22.51	16.65	22.46	16.72	22.41	16.79	22.36	16.85
29	23.41	17.11	23.36	17.18	23.31	17.25	23.26	17.32	23.21	17.39	23.16	17.45
30	24.22	17.70	24.17	17.77	24.12	17.84	24.06	17.91	24.01	17.98	23.96	18.05
31	25.03	18.29	24.97	18.37	24.92	18.44	24.87	18.51	24.81	18.58	24.76	18.66
32	25.83	18.88	25.78	18.96	25.72	19.03	25.67	19.11	25.61	19.18	25.56	19.26
33	26.64	19.47	26.58	19.55	26.53	19.63	26.47	19.71	26.41	19.78	26.36	19.86
34	27.45	20.06	27.39	20.14	27.33	20.22	27.27	20.30	27.21	20.38	27.15	20.46
35	28.26	20.65	28.20	20.74	28.14	20.82	28.07	20.90	28.01	20.98	27.95	21.06
36	29.06	21.25	29.00	21.33	28.94	21.41	28.88	21.50	28.81	21.58	28.75	21.67
37	29.87	21.84	29.81	21.92	29.74	22.01	29.68	22.09	29.61	22.18	29.55	22.27
38	30.68	22.43	30.61	22.51	30.55	22.60	30.48	22.69	30.41	22.78	30.35	22.87
39	31.48	23.02	31.42	23.11	31.35	23.20	31.28	23.29	31.21	23.38	31.15	23.47
40	32.29	23.61	32.22	23.70	32.15	23.79	32.08	23.89	32.02	23.98	31.95	24.07
41	33.10	24.20	33.03	24.29	32.96	24.39	32.89	24.48	32.82	24.58	32.74	24.67
42	33.91	24.79	33.83	24.88	33.76	24.98	33.69	25.08	33.62	25.18	33.54	25.28
43	34.71	25.38	34.64	25.48	34.57	25.58	34.49	25.68	34.42	25.78	34.34	25.88
44	35.52	25.97	35.45	26.07	35.37	26.17	35.29	26.28	35.22	26.38	35.14	26.48
45	36.33	26.56	36.25	26.66	36.17	26.77	36.10	26.87	36.02	26.98	35.94	27.08
46	37.14	27.15	37.06	27.25	36.98	27.36	36.90	27.47	36.82	27.58	36.74	27.68
47	37.94	27.74	37.86	27.85	37.78	27.96	37.70	28.07	37.62	28.18	37.54	28.29
48	38.75	28.33	38.67	28.44	38.59	28.55	38.50	28.66	38.42	28.78	38.33	28.89
49	39.56	28.92	39.47	29.03	39.39	29.15	39.30	29.26	39.22	29.38	39.13	29.49
50	40.37	29.51	40.28	29.62	40.19	29.74	40.11	29.86	40.02	29.97	39.93	30.09
51	41.17	30.10	41.08	30.22	41.00	30.34	40.91	30.46	40.82	30.57	40.73	30.69
52	41.98	30.69	41.89	30.81	41.80	30.93	41.71	31.05	41.62	31.17	41.53	31.29
53	42.79	31.28	42.70	31.40	42.60	31.53	42.51	31.65	42.42	31.77	42.33	31.90
54	43.59	31.87	43.50	31.99	43.41	32.12	43.31	32.25	43.22	32.37	43.13	32.50
55	44.40	32.46	44.31	32.59	44.21	32.72	44.12	32.84	44.02	32.97	43.93	33.10
56	45.21	33.05	45.11	33.18	45.02	33.31	44.92	33.44	44.82	33.57	44.72	33.70
57	46.02	33.64	45.92	33.77	45.82	33.90	45.72	34.04	45.62	34.17	45.52	34.30
58	46.82	34.23	46.72	34.36	46.62	34.50	46.52	34.64	46.42	34.77	46.32	34.90
59	47.63	34.82	47.53	34.96	47.43	35.09	47.33	35.23	47.22	35.37	47.12	35.51
60	48.44	35.41	48.33	35.55	48.23	35.69	48.13	35.83	48.02	35.97	47.92	36.11
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	49.25	36.00	49.14	36.14	49.04	36.28	48.93	36.43	48.82	36.57	48.72	36.71
62	50.05	36.59	49.95	36.73	49.84	36.88	49.73	37.02	49.62	37.17	49.52	37.31
63	50.86	37.18	50.75	37.33	50.64	37.47	50.53	37.62	50.42	37.77	50.31	37.91
64	51.67	37.77	51.56	37.92	51.45	38.07	51.34	38.22	51.22	38.37	51.11	38.52
65	52.47	38.36	52.36	38.51	52.25	38.66	52.14	38.82	52.02	38.97	51.91	39.12
66	53.28	38.95	53.17	39.10	53.05	39.26	52.94	39.41	52.83	39.57	52.71	39.72
67	54.09	39.54	53.97	39.70	53.86	39.85	53.74	40.01	53.63	40.17	53.51	40.32
68	54.90	40.13	54.78	40.29	54.66	40.45	54.54	40.61	54.43	40.77	54.31	40.92
69	55.70	40.72	55.59	40.88	55.47	41.04	55.35	41.21	55.23	41.37	55.11	41.52
70	56.51	41.31	56.39	41.47	56.27	41.64	56.15	41.80	56.03	41.96	55.90	42.13
71	57.32	41.90	57.20	42.07	57.07	42.23	56.95	42.40	56.83	42.56	56.70	42.73
72	58.13	42.49	58.00	42.66	57.88	42.83	57.75	43.00	57.63	43.16	57.50	43.33
73	58.93	43.08	58.81	43.25	58.68	43.42	58.55	43.59	58.43	43.76	58.30	43.93
74	59.74	43.67	59.61	43.84	59.49	44.02	59.36	44.19	59.23	44.36	59.10	44.53
75	60.55	44.26	60.42	44.44	60.29	44.61	60.16	44.79	60.03	44.96	59.90	45.14
76	61.35	44.85	61.22	45.03	61.09	45.21	60.96	45.38	60.83	45.56	60.70	45.74
77	62.16	45.44	62.03	45.62	61.90	45.80	61.76	45.98	61.63	46.16	61.50	46.34
78	62.97	46.03	62.84	46.21	62.70	46.40	62.57	46.58	62.43	46.76	62.29	46.94
79	63.78	46.62	63.64	46.81	63.50	46.99	63.37	47.18	63.23	47.36	63.09	47.54
80	64.58	47.21	64.45	47.40	64.31	47.59	64.17	47.77	64.03	47.96	63.89	48.14
81	65.39	47.80	65.25	47.99	65.11	48.18	64.97	48.37	64.83	48.56	64.69	48.75
82	66.20	48.39	66.06	48.58	65.92	48.78	65.77	48.97	65.63	49.16	65.49	49.35
83	67.01	48.98	66.86	49.18	66.72	49.37	66.58	49.56	66.43	49.76	66.29	49.95
84	67.81	49.57	67.67	49.77	67.52	49.96	67.38	50.16	67.23	50.36	67.09	50.55
85	68.62	50.16	68.47	50.36	68.33	50.56	68.18	50.76	68.03	50.96	67.88	51.15
86	69.43	50.75	69.28	50.95	69.13	51.15	68.98	51.36	68.83	51.56	68.68	51.76
87	70.24	51.34	70.09	51.55	69.94	51.75	69.78	51.95	69.63	52.16	69.48	52.36
88	71.04	51.93	70.89	52.14	70.74	52.34	70.59	52.55	70.43	52.76	70.28	52.96
89	71.85	52.52	71.70	52.73	71.54	52.94	71.39	53.15	71.23	53.36	71.08	53.56
90	72.66	53.11	72.50	53.32	72.35	53.53	72.19	53.74	72.03	53.95	71.88	54.16
91	73.46	53.70	73.31	53.92	73.15	54.13	72.99	54.34	72.83	54.55	72.68	54.76
92	74.27	54.29	74.11	54.51	73.96	54.72	73,80	54.94	73.63	55.15	73.47	55.37
93	75.08	54.88	74.92	55.10	74.76	55.32	74.60	55.54	74.44	55.75	74.27	55.97
94	75.89	55.47	75.72	55.69	75.56	55.91	75,40	56.13	75.24	56.35	75.07	56.57
95	76.69	56.06	76.53	56.29	76.37	56.51	76,20	56,73	76.04	56.95	75.87	57.17
96	77.50	56.65	77.34	56.88	77.17	57.10	77.00	57.33	76.84	57.55	76.67	57.77
97	78.31	57.24	78.14	57.47	77.97	57,70	77.81	57.92	77,64	58.15	77.47	58.38
98	79.12	57.83	78.95	59.06	78.78	58.29	78.61	58.52	78.44	58.75	78.27	58.98
99	79.92	58.42	79.75	58.66	79.58	58.89	79.41	59.12	79.24	59,35	79.07	59.58
100	80.73	59.01	80.56	59.25	80.39	59.48	80.21	59.72	80.04	59,95	79.86	60.18
01	81.54	59.60	81.36	59.84	81.19	60,08	81.01	60.31	80.84	60,55	80.66	60.78
02	82.34	60.19	82.17	60,43	81.99	60,67	81.82	60.91	81.64	61.15	81.46	61.38
03	83.15	60.78	82.97	61.03	82.80	61.27	82.62	61.51	82.44	61.75	82.26	61.99
04	83.95	61.37	83.78	61.62	83.60	61.86	83.42	62.10	83.24	62,35	83.06	62.59
05	84.77	61.96	84.59	62.21	84.41	62,46	84.22	62.70	84.04	62.95	83.86	63.19
06	85.57	62.55	85.39	62.80	85.21	63.05	84.02	63.30	84.84	63,55	84.66	63.79
07	86.38	63.14	86.20	63.40	86.01	63.65	85.83	63.90	85.64	64.15	85.45	64.39
08	87.19	63.74	87.00	63.99	86.82	64.24	86.63	64.49	86.44	64.75	86.25	65.00
09	88.00	64,33	87.81	64,58	87.62	64.84	87.43	65.09	87.24	65.35	87.05	65,60
110	88,80	64,92	88.61	65.17	88.42	65.43	88.23	65.69	88.04	65.94	87,85	66.20
11	89.61	65.51	89.42	65.77	89.23	66.03	89.04	66.28	88.84	66.54	88.65	66,80
12	90.42	66.10	90,22	66.36	90.03	66,62	89.84	66.88	89.64	67,14	89,45	67.40
13	91,22	66.69	91.03	66.95	90.84	67.21	90.64	67.48	90.44	67.74	90.25	68.00
14	92.03	67.28	91.84	67.54	91.64	67.81	91.44	68.08	91.24	68.34	91.04	68.61
15	92.84	67.87	92.64	68.14	92.44	68,40	92.24	68.67	92.04	68.94	91.84	69.21
16	93.65	68.46	93.45	68.73	93.25	69,00	93.05	69.27	92.84	69.54	92,64	69.81
17	94,45	69,05	94.25	69.32	94.05	69.59	93.85	69,87	93.64	70.14	93.44	70.41
18	95.26	69.64	95.06	69.91	94.86	70.19	94.65	70,46	94.44	70.74	94,24	71.01
19	96.07	70.23	95,86	70,51	95.66	70.78	95,45	71.06	95,25	71.34	95,04	71,62
120	96.88	70.82	96.67	71.10	96.46	71.38	96.25	71.66	96.05	71.94	95.84	72,22

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	97.68	71.41	97.48	71.69	97.27	71.97	97.06	72.26	96.85	72.54	96.64	72.82
22	98.49	72.00	98.28	72.28	98.07	72.57	97.86	72.85	97.65	73.14	97.43	73.42
23	99.30	72.59	99.09	72.88	98.87	73.16	98.66	73.45	98.45	73.74	98.23	74.02
24	100.11	73.18	99.89	73.47	99.68	73.76	99.46	73.05	99.25	74.34	99.03	74.62
25	100.91	73.77	100.70	74.06	100.48	74.35	100.27	74.65	100.05	74.94	99.83	75.23
26	101.72	74.36	101.50	74.65	101.29	74.95	101.07	74.24	100.85	75.54	100.63	75.83
27	102.53	74.95	102.31	75.24	102.09	75.54	101.87	75.84	101.65	76.14	101.43	76.43
28	103.33	75.54	103.11	75.84	102.89	75.14	102.67	76.44	102.45	76.74	102.23	77.03
29	104.14	76.13	103.92	76.43	103.70	76.73	103.47	77.03	103.25	77.34	103.02	77.63
130	104.95	76.72	104.73	77.02	104.50	77.33	104.28	77.63	104.05	77.93	108.82	78.24
31	105.76	77.31	105.53	77 61	105.31	77.92	105.08	78.23	104.85	78.53	104.62	78.84
32	106.56	77.90	106.34	78.21	106.11	78.52	105.88	78.83	105.65	79.13	105.42	79.44
33	107.37	78.49	107.14	78.80	106.91	79.11	106.68	79.42	106.45	79.73	106.22	80.04
34	108.18	79.08	107.95	79.39	107.72	79.71	107.48	80.02	107.25	80.33	107.02	80.64
35	108.99	79.67	108.75	79.98	108.52	80.30	108.29	80.62	108.05	80.93	107.82	81.24
36	109.79	80.26	109.56	80.58	109.32	80.90	109.09	81.21	108.85	81.53	108.62	81.85
37	110.60	80.85	110.36	81.17	110.13	81.49	109.89	81.81	109.65	82.13	109.41	82.45
38	111.41	81.44	111.17	81.76	110.93	82.09	110.69	82.41	110.45	82.73	110.21	83.05
39	112.21	82.03	111.98	82.35	111.74	82.68	111.49	83.01	111.25	83.33	111.01	83.65
140	113.02	82.62	112.78	82.95	112.54	83.27	112.30	83.60	112.05	83.93	111.81	84.25
41	113.83	83.21	113.59	83.54	113.34	83.87	113.10	84.20	112.85	84.53	112.61	84.86
42	114.64	83.80	114.39	84.13	114.15	84.46	113.90	84.80	113.65	85.13	113.41	85.46
43	115.44	84.39	115.20	84.72	114.95	85.06	114.70	85.39	114.45	85.73	114.21	86.06
44	116.25	84.98	116.00	85.32	115.76	85.65	115.51	83.99	115.25	86.33	115.00	86.66
45	117.06	85.57	116.81	85.91	116.56	86.25	116.31	86.59	116.06	86.93	115.80	87.26
46	117.87	86.16	117.61	86.50	117.36	86.84	117.11	87.19	116.86	87.53	116.60	87.86
47	118.67	86.75	118.42	87.09	118.17	87.44	117.91	87.78	117.66	88.13	117.40	88.47
48	119.48	87.34	119.23	87.69	118.97	88.03	118.71	88.38	118.46	88.73	118.20	89.07
49	120.29	87.93	120.03	88.28	119.78	88.63	119.52	88.98	119.26	89.33	119.00	89.67
150	121.10	88.52	120.84	88.87	120.58	89.22	120.32	89.57	120.06	89.92	119.80	90.27
51	121.90	89.11	121.64	89.46	121.38	89.82	121.12	90.17	120.86	90.52	120.59	90.87
52	122.71	89.70	122.45	90.06	122.19	90.41	121.92	90.77	121.66	91.12	121.39	91.48
53	123.52	90.29	123.25	90.65	122.99	91.01	122.72	91.37	122.46	91.72	122.19	92.08
54	124.32	90.88	124.06	91.24	123.79	91.60	123.53	91.96	123.26	92.32	122.99	92.68
55	125.13	91.47	124.86	91.83	124.60	92.20	124.33	92.56	124.06	92.92	123.79	93.28
56	125.94	92.06	125.67	92.43	125.40	92.79	125.13	93.16	124.86	93.52	124.59	93.88
57	126.75	92.65	126.48	93.02	126.21	93.39	125.93	93.75	125.66	94.12	125.39	94.48
58	127.55	93.24	127.28	93.61	127.01	93.98	126.73	94.35	126.46	94.72	126.19	95.09
59	128.36	93.83	128.09	94.20	127.81	94.58	127.54	94.95	127.26	95.32	126.98	95.69
160	129.17	94.42	128.89	94.80	128.62	95.17	128.34	95.55	128.06	95.92	127.78	96.29
61	129.98	95.01	129.70	95.39	129.42	95.77	129.14	96.14	128.86	96.52	128.58	96.89
62	130.78	95.60	130.50	95.98	130.23	96.36	129.94	96.74	129.66	97.12	129.38	97.49
63	131.59	96.19	131.31	96.57	131.03	96.96	130.75	97.34	130.46	97.72	130.18	98.10
64	132.40	96.78	132.12	97.17	131.83	97.55	131.55	97.93	131.26	98.32	130.98	98.70
65	133.20	97.37	132.92	97.76	132.64	98.15	132.35	98.53	132.06	98.92	131.78	99.30
66	134.01	97.96	133.73	98.35	133.44	98.74	133.15	99.13	132.86	99.52	132.57	99.90
67	134.82	98.55	134.53	98.94	134.24	99.33	133.95	99.73	133.66	100.12	133.37	100.50
68	135.63	99.14	135.34	99.54	135.05	99.93	134.76	100.32	134.46	100.72	134.17	101.10
69	136.43	99.73	136.14	100.13	135.85	100.52	135.56	100.92	136.26	101.32	134.97	101.71
170	137.24	100.32	136.95	100.72	136.66	101.12	136.36	101.52	136.06	101.91	135.77	102.31
71	138.05	100 91	137.75	101.31	137.46	101.71	137.16	102.11	136.86	102.51	136.57	102.91
72	138.86	101.50	138.56	101.91	138.26	102.31	137.96	102.71	137.67	103.11	137.37	103.51
73	139.66	102.09	139.37	102.50	139.07	102.90	138.77	103.31	138.47	103.71	138.16	104.11
74	140.47	102.68	140.17	103.09	139.87	103.50	139.57	103.91	139.27	104.31	138.96	104.71
75	141.28	103.27	140.98	103.68	140.68	194.09	140.37	104.50	140.07	104.91	139.76	105.32
76	142.08	103.86	141.78	104.28	141.48	104.69	141.17	105.10	140.87	105.51	140.56	105.92
77	142.89	104.45	142.59	104.87	142.28	105.28	141.98	105.70	141.67	106.11	141.36	106.52
78	143.70	105.04	143.39	105.46	143.09	105.88	142.78	106.29	142.47	196.71	142.16	107.12
79	144.51	105.64	144.20	106.05	143.89	106.47	143.58	106.89	143.27	107.31	142.96	107.72
180	145.31	106.23	145.00	106.65	144.69	107.07	144.38	107.49	144.07	107.91	143.76	108.33

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	146.12	106.82	145.81	107.24	145.50	107.66	145.18	108.09	144.87	108.51	144.55	108.93
82	146.93	107.41	146.62	107.83	146.30	108.26	145.99	108.68	145.67	109.11	145.36	109.53
83	147.74	108.00	147.42	108.42	147.11	108.85	146.79	109.28	146.47	109.71	146.15	110.13
84	148.54	108.59	148.23	109.02	147.91	109.45	147.59	109.88	147.27	110.31	146.95	110.73
85	149.35	109.18	149.03	109.61	148.71	110.04	148.39	110.47	148.07	110.91	147.75	111.33
86	150.16	109.77	149.84	110.20	149.52	110.64	149.19	111.07	148.87	111.51	148.55	111.94
87	150.97	110.36	150.64	110.79	150.32	111.23	150.00	111.67	149.67	112.11	149.35	112.54
88	151.77	110.95	151.45	111.39	151.13	111.83	150.80	112.27	150.47	112.71	150.14	113.14
89	152.58	111.54	152.25	111.98	151.93	112.42	151.60	112.86	151.27	113.31	150.94	113.74
190	153.39	112.13	153.06	112.57	152.73	113.02	152.40	113.46	152.07	113.90	151.74	114.34
91	154.19	112.72	153.87	113.16	153.54	113.61	153.20	114.06	152.87	114.50	152.54	114.95
92	155.00	113.31	154.67	113.76	154.34	114.21	154.01	114.65	153.67	115.10	153.34	115.55
93	155.81	113.90	155.48	114.35	155.14	114.80	154.81	115.25	154.47	115.70	154.14	116.15
94	156.62	114.49	156.28	114.94	155.95	115.40	155.61	115.85	155.27	116.30	154.94	116.75
95	157.42	115.08	157.09	115.53	156.75	115.99	156.41	116.45	156.07	116.90	155.73	117.35
96	158.23	115.67	157.89	116.13	157.56	116.58	157.22	117.04	156.87	117.50	156.53	117.95
97	159.04	116.26	158.70	116.72	158.36	117.18	158.02	117.64	157.67	118.10	157.33	118.56
98	159.85	116.85	159.50	117.31	159.16	117.77	158.82	118.23	158.48	118.70	158.13	119.16
99	160.65	117.65	160.31	117.90	159.97	118.37	159.62	118.83	159.28	119.30	158.96	119.76
200	161.46	118.46	161.12	118.50	160.77	118.96	160.42	119.43	160.08	119.90	159.73	120.36
01	162.27	115.62	161.92	119.09	161.58	119.56	161.23	120.03	160.88	120.50	160.53	120.96
02	163.07	119.21	162.73	119.69	162.38	120.15	162.03	120.63	161.68	121.10	161.33	121.57
03	163.88	110.80	163.53	120.27	163.18	120.75	162.83	121.22	162.48	121.70	162.12	122.17
04	164.69	120.39	164.34	120.87	163.99	121.34	163.63	121.82	163.28	122.30	162.92	122.77
05	165.50	120.98	165.14	121.46	164.79	121.94	164.43	122.42	164.08	122.90	163.72	123.37
06	166.30	121.57	165.95	122.05	165.60	122.53	165.24	123.01	164.88	123.50	164.52	123.97
07	167.11	122.16	166.76	122.64	166.40	123.13	166.04	123.61	165.68	124.10	165.32	124.57
08	167.92	122.75	167.56	123.24	167.20	123.72	166.84	124.21	166.48	124.70	166.12	125.18
09	168.73	123.34	168.37	123.83	168.01	124.32	167.64	124.81	167.28	125.30	166.92	125.78
210	169.53	123.93	169.17	124.42	168.81	124.91	168.45	125.40	168.08	125.89	167.71	126.38
11	170.34	124.52	169.98	125.01	169.61	125.51	169.25	126.00	168.88	126.49	168.51	126.98
12	171.15	125.11	170.78	125.61	170.42	126.10	170.05	126.60	169.68	127.09	169.31	127.58
13	171.95	125.70	171.59	126.20	171.22	126.70	170.85	127.20	170.48	127.69	170.11	128.18
14	172.76	146.29	172.39	126.79	172.03	127.29	171.65	127.79	171.28	128.29	170.91	128.79
15	173.57	126.88	173.20	127.38	172.83	127.89	172.46	128.39	172.08	128.89	171.71	129.39
16	174.38	127.47	174.01	127.98	173.63	128.48	173.26	128.99	172.88	129.49	172.51	129.99
17	115.18	128.06	174.81	128.57	174.44	129.08	174.06	129.58	173.68	130.09	173.30	130.59
18	175.99	128.65	175.62	129.16	175.24	129.67	174.86	130.18	174.48	130.69	174.10	131.19
19	176.80	129.24	176.42	129.75	176.05	130.27	175.66	130.78	175.28	131.29	174.90	131.80
220	177.61	129.83	177.23	130.35	176.85	130.86	176.47	131.38	176.08	131.89	175.70	132.40
21	178.41	130.42	178.03	130.94	177.65	131.46	177.27	131.97	176.88	132.49	176.50	133.00
22	179.22	131.01	178.84	131.53	178.46	132.05	178.07	132.57	177.68	133.09	177.30	133.60
23	180.03	131.60	179.64	132.12	179.26	132.64	178.87	133.17	178.48	133.69	178.10	134.20
24	180.84	132.19	180.45	132.72	180.06	133.24	179.67	133.76	179.29	134.29	178.90	134.81
25	181.64	132.78	181.26	133.31	180.87	133.83	180.48	134.36	180.09	134.89	179.69	135.41
26	182.45	133.37	182.06	133.90	181.67	134.43	181.28	134.96	180.89	135.49	180.49	136.01
27	183.26	133.96	182.87	134.49	182.48	135.02	182.08	135.56	181.69	136.09	181.29	136.61
28	184.06	134.55	183.67	135.09	183.28	135.62	182.88	136.15	182.49	136.69	182.09	137.21
29	184.87	135.14	184.48	135.68	184.08	136.21	183.69	136.75	183.29	137.29	182.89	137.81
230	185.68	135.73	185.28	136.27	184.89	136.81	184.49	137.35	184.09	137.88	183.69	138.42
31	186.49	136.32	186.09	136.86	185.69	137.40	185.29	137.94	184.89	138.48	184.49	139.02
32	187.29	136.91	186.89	137.46	186.50	138.00	186.09	138.54	185.69	139.08	185.28	139.62
33	188.10	137.50	187.70	138.05	187.30	138.59	186.89	139.14	186.49	139.68	186.08	140.22
34	188.91	138.09	188.51	138.64	188.10	139.19	187.70	139.74	187.29	140.28	186.88	140.82
35	189.72	138.68	189.31	139.23	188.91	139.78	188.50	140.33	189.09	140.88	187.68	141.43
36	190.52	139.27	190.12	139.83	189.71	140.38	189.30	140.93	188.89	141.48	188.48	142.03
37	191.33	139.86	190.92	140.42	190.51	140.97	190.10	141.53	189.69	142.08	189.28	142.63
38	192.14	140.45	191.73	141.01	191.32	141.57	190.90	142.12	190.49	142.68	190.08	143.23
39	192.94	141.04	192.53	141.60	192.12	142.16	191.71	142.72	191.29	143.28	190.87	143.83
240	193.75	141.63	193.34	142.20	192.93	142.76	192.51	143.32	192.09	143.88	191.67	144.43

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	194.56	142.22	194.14	142.79	193.78	143.35	193.31	143.92	192.89	144.48	192.47	145.04
42	195.37	142.81	194.95	143.38	194.53	143.95	194.11	144.51	193.69	145.08	193.27	145.64
43	196.17	143.40	195.76	143.97	195.34	144.54	194.92	145.11	194.49	145.68	194.07	146.24
44	196.98	143.99	196.56	144.57	196.14	145.14	195.72	145.71	195.29	146.28	194.87	146.84
45	197.79	144.58	197.37	145.16	196.95	145.73	196.52	146.30	196.09	146.88	195.67	147.44
46	198.60	145.17	198.17	145.75	197.75	146.33	197.32	146.90	196.89	147.48	196.47	148.05
47	199.40	145.76	198.98	146.34	198.55	146.92	198.12	147.50	197.69	148.08	197.26	148.65
48	200.21	146.35	199.78	146.94	199.36	147.52	198.93	148.10	198.49	148.68	198.06	149.25
49	201.02	146.94	200.59	147.53	200.16	148.11	199.73	148.69	199.29	149.28	198.86	149.85
250	201.83	147.54	201.40	148.12	200.97	148.71	200.53	149.29	200.10	149.87	199.66	150.45
51	202.63	148.13	202.20	148.71	201.77	149.30	201.33	149.89	200.90	150.47	200.46	151.05
52	203.44	148.72	203.01	149.30	202.57	149.89	202.13	150.48	201.70	151.07	201.26	151.66
53	204.25	149.31	203.81	149.90	203.38	150.49	202.94	151.08	202.50	151.67	202.06	152.26
54	205.05	149.90	204.62	150.49	204.18	151.08	203.74	151.68	203.30	152.27	202.85	152.86
55	205.86	150.49	205.42	151.08	204.98	151.68	204.54	152.28	204.10	152.87	203.65	153.46
56	206.67	151.08	206.23	151.67	205.79	152.27	205.34	152.87	204.90	153.47	204.45	154.06
57	207.48	151.67	207.03	152.27	206.59	152.87	206.14	153.47	205.70	154.07	205.25	154.67
58	208.28	152.26	207.84	152.86	207.40	153.46	206.95	154.07	206.50	154.67	206.05	155.27
59	209.09	152.85	208.65	153.45	208.20	154.06	207.75	154.66	207.30	155.27	206.85	155.87
260	209.90	153.44	209.45	154.04	209.00	154.65	208.55	155.26	208.10	155.87	207.65	156.47
61	210.71	154.03	210.26	154.64	209.81	155.25	209.35	155.86	208.90	156.47	208.45	157.07
62	211.51	154.62	211.06	155.23	210.61	155.84	210.16	156.46	209.70	157.07	209.24	157.67
63	212.32	155.21	211.87	155.82	211.42	156.44	210.96	157.05	210.50	157.67	210.04	158.28
64	213.13	155.80	212.67	156.41	212.22	157.03	211.76	157.65	211.30	158.27	210.84	158.88
65	213.93	156.39	213.48	157.01	213.02	157.63	212.56	158.25	212.10	158.87	211.64	159.48
66	214.74	156.98	214.28	157.60	213.83	158.22	213.36	158.84	212.90	159.47	212.44	160.08
67	215.55	157.57	215.09	158.19	214.63	158.82	214.17	159.44	213.70	160.07	213.24	160.68
68	216.36	158.16	215.90	158.78	215.43	159.41	214.97	160.04	214.50	160.67	214.04	161.29
69	217.16	158.75	216.70	159.38	216.24	160.01	215.77	160.64	215.30	161.27	214.83	161.89
270	217.97	159.34	217.51	159.97	217.04	160.60	216.57	161.23	216.10	161.86	215.63	162.49
71	218.78	159.93	218.31	160.56	217.85	161.20	217.37	161.83	216.90	162.46	216.43	163.09
72	219.59	160.52	219.12	161.15	218.65	161.79	218.18	162.43	217.70	163.06	217.23	163.69
73	220.39	161.11	219.92	161.75	219.45	162.39	218.98	163.02	218.50	163.66	218.03	164.29
74	221.20	161.70	220.73	162.34	220.26	162.98	219.78	163.62	219.30	164.26	218.83	164.90
75	222.01	162.29	221.53	162.93	221.06	163.58	220.58	164.22	220.10	164.86	219.63	165.50
76	222.81	162.88	222.34	163.52	221.87	164.17	221.39	164.82	220.90	165.46	220.42	166.10
77	223.62	163.47	223.15	164.12	222.67	164.77	222.19	165.41	221.71	166.06	221.22	166.70
78	224.43	164.06	223.95	164.71	223.47	165.36	222.99	166.01	222.51	166.66	222.02	167.30
79	225.24	164.65	224.76	165.30	224.28	165.95	223.79	166.61	223.31	167.26	222.82	167.90
280	226.04	165.24	225.56	165.89	225.08	166.55	224.59	167.20	224.11	167.86	223.62	168.51
81	226.85	165.83	226.37	166.49	225.88	167.14	225.40	167.80	224.91	168.46	224.42	169.11
82	227.66	166.42	227.17	167.08	226.69	167.74	226.20	168.40	225.71	169.06	225.22	169.71
83	228.47	167.01	227.98	167.67	227.49	168.33	227.00	169.00	226.51	169.66	226.02	170.31
84	229.27	167.60	228.78	168.26	228.30	168.93	227.80	169.59	227.31	170.26	226.31	170.91
85	230.08	168.19	229.59	168.86	229.10	169.52	228.60	170.19	228.11	170.86	227.61	171.52
86	230.89	168.78	230.40	169.45	229.90	170.12	229.41	170.79	228.91	171.46	223.41	172.12
87	231.70	169.37	231.20	170.04	230.71	170.71	230.21	171.38	229.71	172.06	229.21	172.72
88	232.50	169.96	232.01	170.63	231.51	171.31	231.01	171.98	230.51	172.66	230.01	173.32
89	233.31	170.55	232.81	171.23	232.32	171.90	231.81	172.58	231.31	173.26	230.81	173.92
290	234.12	171.14	233.62	171.82	233.12	172.50	232.61	173.18	232.11	173.85	231.61	174.52
91	234.92	171.73	234.42	172.41	233.92	173.09	233.42	173.77	232.91	174.45	232.40	175.13
92	235.73	172.32	235.23	173.00	234.73	173.69	234.22	174.37	233.71	175.05	233.20	175.73
93	236.54	172.91	236.03	173.60	235.53	174.28	235.02	174.97	234.51	175.65	234.00	176.33
94	237.35	173.50	236.84	174.19	236.33	174.88	235.82	175.57	235.31	176.25	234.80	176.93
95	238.15	174.09	237.65	174.78	237.14	175.47	236.63	176.16	236.11	176.85	235.60	177.53
96	238.96	174.68	238.45	175.37	237.94	176.07	237.43	176.76	236.91	177.45	236.40	178.14
97	239.77	175.27	239.26	175.97	238.75	176.66	238.23	177.36	237.71	178.05	237.20	178.74
98	240.58	175.86	240.06	176.56	239.55	177.26	239.03	177.95	238.51	178.65	237.99	179.34
99	241.38	176.45	240.87	177.15	240.35	177.85	239.83	178.55	239.31	179.25	238.79	179.94
300	242.19	177.04	241.67	177.74	241.16	178.45	240.64	179.15	240.11	179.85	239.59	180.54

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10'	D.	L. 0'

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.80	0.60	0.80	0.61	0.79	0.61	0.79	0.61	0.79	0.61	0.79	0.62
2	1.59	1.21	1.59	1.21	1.59	1.22	1.58	1.22	1.58	1.23	1.58	1.23
3	2.39	1.81	2.39	1.82	2.38	1.83	2.37	1.83	2.37	1.84	2.36	1.85
4	3.19	2.42	3.18	2.43	3.17	2.44	3.17	2.44	3.16	2.45	3.15	2.46
5	3.98	3.02	3.98	3.03	3.97	3.04	3.96	3.06	3.95	3.07	3.94	3.08
6	4.78	3.62	4.77	3.64	4.76	3.65	4.75	3.67	4.74	3.68	4.73	3.69
7	5.58	4.23	5.57	4.25	5.55	4.26	5.54	4.28	5.53	4.29	5.52	4.31
8	6.38	4.83	6.36	4.85	6.35	4.87	6.33	4.89	6.32	4.91	6.30	4.93
9	7.17	5.44	7.16	5.46	7.14	5.48	7.12	5.50	7.11	5.52	7.09	5.54
10	7.97	6.04	7.95	6.06	7.93	6.09	7.92	6.11	7.90	6.13	7.88	6.16
11	8.77	6.65	8.75	6.67	8.73	6.70	8.71	6.72	8.69	6.75	8.67	6.77
12	9.56	7.25	9.54	7.28	9.52	7.31	9.50	7.33	9.48	7.36	9.46	7.39
13	10.36	7.85	10.34	7.88	10.31	7.91	10.29	7.94	10.27	7.97	10.24	8.00
14	11.16	8.46	11.13	8.49	11.11	8.52	11.08	8.55	11.06	8.59	11.03	8.62
15	11.95	9.06	11.93	9.10	11.90	9.13	11.87	9.17	11.85	9.20	11.82	9.23
16	12.75	9.67	12.72	9.70	12.69	9.74	12.67	9.78	12.64	9.81	12.61	9.85
17	13.55	10.27	13.52	10.31	13.49	10.35	13.46	10.39	13.43	10.43	13.40	10.47
18	14.34	10.87	14.31	10.92	14.28	10.96	14.25	11.00	14.22	11.04	14.18	11.08
19	15.14	11.48	15.11	11.52	15.07	11.57	15.04	11.61	15.01	11.65	14.97	11.70
20	15.94	12.08	15.90	12.13	15.87	12.18	15.83	12.22	15.80	12.27	15.76	12.31
21	16.73	12.69	16.70	12.74	16.66	12.78	16.62	12.83	16.59	12.88	16.55	12.93
22	17.53	13.29	17.49	13.34	17.45	13.39	17.41	13.44	17.38	13.49	17.34	13.54
23	18.33	13.90	18.29	13.95	18.25	14.00	18.21	14.05	18.17	14.11	18.12	14.16
24	19.13	14.50	19.08	14.55	19.04	14.61	19.00	14.67	18.96	14.72	18.91	14.78
25	19.92	15.10	19.88	15.16	19.83	15.22	19.79	15.28	19.75	15.33	19.70	15.39
26	20.72	15.71	20.67	15.77	20.63	15.83	20.58	15.89	20.53	15.95	20.49	16.01
27	21.52	16.31	21.47	16.37	21.42	16.44	21.37	16.50	21.32	16.56	21.28	16.62
28	22.31	16.92	22.26	16.98	22.21	17.05	22.16	17.11	22.11	17.17	22.06	17.24
29	23.11	17.52	23.06	17.59	23.01	17.65	22.96	17.72	22.90	17.79	22.85	17.85
30	23.91	18.12	23.85	18.19	23.80	18.26	23.75	18.33	23.69	18.40	23.64	18.47
31	24.70	18.73	24.65	18.80	24.59	18.87	24.54	18.94	24.48	19.01	24.43	19.09
32	25.50	19.33	25.44	19.41	25.39	19.48	25.33	19.55	25.27	19.63	25.22	19.70
33	26.30	19.94	26.24	20.01	26.18	20.09	26.12	20.17	26.06	20.24	26.00	20.32
34	27.09	20.54	27.03	20.62	26.97	20.70	26.91	20.78	26.85	20.85	26.79	20.93
35	27.89	21.14	27.83	21.23	27.77	21.31	27.71	21.39	27.64	21.47	27.58	21.55
36	28.69	21.75	28.62	21.83	28.56	21.92	28.50	22.00	28.43	22.08	28.37	22.16
37	29.48	22.35	29.42	22.44	29.35	22.52	29.29	22.61	29.22	22.69	29.16	25.78
38	30.28	22.96	30.21	23.05	30.15	23.13	30.08	23.22	30.01	23.31	29.94	23.40
39	31.08	23.56	31.01	23.65	30.94	23.74	30.87	23.83	30.80	23.92	30.73	24.01
40	31.88	24.17	31.80	24.26	31.73	24.35	31.66	24.44	31.59	24.53	31.52	24.63
41	32.67	24.77	32.60	24.86	32.53	24.96	32.45	25.05	32.38	25.15	32.31	25.24
42	33.47	25.37	33.40	25.47	33.32	25.57	33.25	25.66	33.17	25.76	33.10	25.86
43	34.27	25.98	34.19	26.08	34.11	26.18	34.04	26.28	33.96	26.37	33.88	26.47
44	35.06	26.58	34.99	26.68	34.91	26.79	34.83	26.89	34.75	26.99	34.67	27.09
45	35.86	27.19	35.78	27.29	35.70	27.39	35.62	27.50	35.54	27.60	35.46	97.70
46	36.66	27.79	36.58	27.90	36.49	28.00	36.41	28.11	36.33	28.22	36.25	28.32
47	37.45	28.39	37.37	28.50	37.29	28.61	37.20	28.72	37.12	28.83	37.04	28.94
48	38.25	29.00	38.17	29.11	38.08	29.22	38.00	29.33	37.91	29.44	37.82	29.55
49	39.05	29.60	38.96	29.72	38.87	29.83	38.79	29.94	38.70	30.06	38.61	30.17
50	39.84	30.21	39.76	30.32	39.67	30.44	39.58	30.55	39.49	30.67	39.40	30.78
51	40.64	30.8	40.55	30.93	40.46	31.05	40.37	31.16	40.28	31.28	40.19	31.40
52	41.44	31.42	41.35	31.54	41.25	31.66	41.16	31.78	41.07	31.90	40.98	32.01
53	42.23	32.02	42.14	32.14	42.05	32.26	41.95	32.39	41.86	32.51	41.76	32.63
54	43.03	32.62	42.94	32.75	42.84	32.87	42.75	33.00	42.65	33.12	42.55	33.25
55	43.83	33.23	43.73	33.35	43.63	33.48	43.54	33.61	43.44	33.74	43.34	33.86
56	44.63	33.83	44.53	33.96	44.43	34.09	44.33	34.22	44.23	34.35	44.13	34.48
57	45.42	34.44	45.32	34.57	45.22	34.70	45.12	34.83	45.02	34.96	44.92	35.09
58	46.22	35.04	46.12	35.17	46.01	35.31	45.91	35.44	45.81	35.58	45.70	35.71
59	47.02	35.64	46.91	35.78	46.81	35.92	46.70	36.05	46.60	36.19	46.49	36.32
60	47.81	36.25	47.71	36.39	47.60	36.53	47.49	36.66	47.39	36.80	47.28	36.94

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20.		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	48.61	36.85	48.50	36.99	48.39	37.13	48.29	37.28	48.18	37.42	48.07	37.56
62	49.41	37.46	49.30	37.60	49.19	37.74	49.08	37.89	48.97	38.03	48.86	38.17
63	50.21	38.06	50.09	38.21	49.98	38.35	49.87	38.50	49.76	38.64	49.64	38.79
64	51.00	38.66	50.89	38.81	50.77	38.96	50.66	39.11	50.55	39.26	50.43	39.40
65	51.80	39.27	51.68	39.42	51.57	39.57	51.45	39.72	51.34	39.87	51.22	40.02
66	52.59	39.87	52.48	40.03	52.36	40.18	52.24	40.33	52.13	40.48	52.01	40.63
67	53.39	40.48	53.27	40.63	53.15	40.79	53.04	40.94	52.92	41.10	52.80	41.25
68	54.19	41.08	54.07	41.24	53.95	41.40	53.83	41.55	53.71	41.71	53.58	41.86
69	54.98	41.69	54.86	41.85	54.74	42.00	54.62	42.16	54.50	42.32	54.37	42.48
70	55.78	42.29	55.66	42.45	55.53	42.61	55.41	42.77	55.29	42.94	55.16	43.10
71	56.58	42.89	56.45	43.06	56.33	43.22	56.20	43.39	56.08	43.55	55.95	43.71
72	57.38	43.50	57.25	43.66	57.12	43.83	56.99	44.00	56.87	44.16	56.74	44.33
73	58.17	44.10	58.04	44.27	57.91	44.44	57.79	44.61	57.66	44.78	57.52	44.94
74	58.97	44.71	58.84	44.88	58.71	45.05	58.58	45.22	58.45	45.39	58.31	46.56
75	59.77	45.31	59.63	45.48	59.50	45.66	59.37	45.83	59.24	46.00	59.10	46.17
76	60.56	45.91	60.43	46.09	60.29	46.27	60.16	46.44	60.02	46.62	59.89	46.79
77	61.36	46.52	61.22	46.70	61.09	46.87	60.95	47.05	60.81	47.23	60.68	47.41
78	62.16	47.12	62.02	47.30	61.88	47.48	61.74	47.66	61.60	47.84	61.46	48.02
79	62.95	47.73	62.81	47.91	62.67	48.09	62.53	48.27	62.39	48.46	62.25	48.64
80	63.75	48.33	63.61	48.52	63.47	48.70	63.33	48.89	63.18	49.07	63.04	49.25
81	64.55	48.94	64.40	49.12	64.26	49.31	64.12	49.50	63.97	49.68	63.83	49.87
82	65.34	49.54	65.20	49.73	65.05	49.92	64.91	50.11	64.76	50.30	64.62	50.48
83	66.14	50.14	65.99	50.34	65.35	50.53	65.70	50.72	65.55	50.91	65.40	51.10
84	66.94	50.75	66.79	51.94	66.64	51.14	66.49	51.33	66.34	51.52	66.19	51.72
85	67.73	51.35	67.59	51.55	67.43	51.74	67.28	51.94	67.13	52.14	66.98	52.33
86	68.53	51.96	68.38	52.15	68.23	52.35	68.08	52.55	67.92	52.75	67.77	52.95
87	69.33	52.56	69.18	52.76	69.02	52.96	68.87	53.16	68.71	53.36	68.56	53.56
88	70.13	53.16	69.97	53.37	69.81	53.57	69.66	53.77	69.50	53.98	69.34	54.18
89	70.92	53.77	70.77	53.97	70.61	54.18	70.45	54.39	70.29	54.59	70.13	54.79
90	71.72	54.37	71.56	54.58	71.40	54.79	71.24	55.00	71.08	55.20	70.92	55.41
91	72.52	54.98	72.36	55.19	72.19	55.40	72.03	55.61	71.87	55.82	71.71	56.03
92	73.31	55.58	73.15	55.79	72.99	56.01	72.83	56.22	72.66	56.43	71.50	56.64
93	74.11	56.19	73.95	56.40	73.78	56.61	73.62	56.83	73.45	57.04	73.28	57.26
94	74.91	56.79	74.74	57.01	74.57	57.22	74.41	57.44	74.24	57.66	74.07	57.87
95	75.70	57.39	75.54	57.61	75.37	57.83	75.20	58.05	75.03	58.27	74.86	58.49
96	76.50	58.00	76.33	58.22	76.16	58.44	75.99	58.66	75.82	58.88	75.65	59.10
97	77.30	58.60	77.13	58.83	76.95	59.05	76.78	59.27	76.61	59.50	76.44	59.72
98	78.09	59.21	77.92	59.43	77.75	59.66	77.57	59.88	77.40	60.11	77.22	60.33
99	78.89	59.81	78.72	60.04	78.54	60.27	78.37	60.50	78.19	60.72	78.01	60.95
100	79.69	60.41	79.51	60.65	79.34	60.88	79.16	61.11	78.98	61.34	78.80	61.57
01	80.48	61.02	80.31	61.25	80.13	61.48	79.95	61.72	79.77	61.95	79.59	62.18
02	81.28	61.62	81.10	61.86	80.92	62.09	80.74	62.33	80.56	62.56	80.38	62.80
03	82.08	62.23	81.90	62.46	81.72	62.70	81.53	62.94	81.35	63.18	81.17	63.41
04	82.88	62.83	82.69	63.07	82.51	63.31	82.32	63.55	82.14	63.79	81.95	64.03
05	83.67	63.43	83.49	63.68	83.30	63.92	83.12	64.16	82.93	64.40	82.74	64.64
06	84.47	64.04	84.28	64.28	84.10	64.53	83.91	64.77	83.72	65.02	83.53	65.26
07	85.27	64.64	85.08	64.89	84.89	65.14	84.70	65.38	84.51	65.63	84.32	65.88
08	86.06	65.25	85.87	65.50	85.68	65.75	85.49	66.00	85.30	66.24	85.11	66.49
09	86.86	65.85	86.67	66.10	86.48	66.35	86.28	66.61	86.09	66.86	85.89	67.11
110	87.66	66.46	87.46	66.71	87.27	66.96	87.07	67.22	86.88	67.47	86.68	67.72
11	88.45	67.06	88.26	67.32	88.06	67.57	87.87	67.83	87.67	68.08	87.47	68.34
12	89.25	67.66	89.05	67.92	88.86	68.18	88.66	68.44	88.46	68.70	88.26	68.95
13	90.05	68.27	89.85	68.53	89.65	68.79	89.45	69.05	89.25	69.31	89.05	69.57
14	90.84	68.87	80.64	69.14	90.44	69 40	90.24	69.66	90.04	69.92	89.83	70.19
15	91.64	69.48	91.44	69.74	91.24	70.01	91.03	70.27	90.83	70.54	90.62	70.80
16	92.44	70.08	92.23	70.35	92.03	70.62	91.82	70.88	91.62	71.15	91.41	71.42
17	93.23	70.68	93.03	70.95	92.82	71.22	92.61	71.49	92.41	71.76	92.20	72.03
18	94.03	71.29	93.82	71.56	93.62	71.83	93.41	72.11	93.20	72.38	92.99	72.65
19	94.83	71.89	94.62	72.17	94.41	72.44	94.20	72.72	93.99	72.99	93.77	73.26
120	95.63	72.50	95.41	72.77	95.20	73.05	94.99	73.33	94.78	73.60	94.56	73.88

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	96.42	73.10	96.21	73.38	96.00	73.66	95.78	73.94	95.57	74.22	95.35	74.49
22	97.22	73.71	97.00	73.99	96.79	74.27	96.57	74.55	96.36	74.83	96.14	75.11
23	98.02	74.31	97.70	74.59	97.58	74.88	97.36	75.16	97.15	75.44	96.93	75.73
24	98.81	74.91	98.59	75.20	98.38	75.49	98.16	75.77	97.94	76.06	97.71	76.34
25	99.61	75.52	99.39	75.81	99.17	76.10	98.95	76.38	98.73	76.67	98.50	76.96
26	100.41	76.12	100.19	76.41	99.96	76.70	99.74	76.99	99.51	77.28	99.29	77.57
27	101.20	76.73	100.98	77.02	100.76	77.31	100.53	77.61	100.30	77.90	100.08	78.19
28	102.00	77.33	101.78	77.63	101.55	77.92	101.32	78.22	101.09	78.51	100.87	78.80
29	102.80	77.93	102.57	78.23	102.34	78.53	102.11	78.83	101.88	79.12	101.65	79.42
130	103.59	78.54	103.37	78.84	103.14	79.14	102.91	79.44	102.67	79.74	102.44	80.04
31	104.39	79.14	104.16	79.44	103.93	79.75	103.70	80.05	103.46	80.35	103.23	80.65
32	105.19	79.75	104.96	80.05	104.72	80.36	104.49	80.66	104.25	80.96	104.02	81.27
33	105.99	80.35	105.75	80.66	105.52	80.97	105.28	81.27	105.04	81.58	104.81	81.88
34	106.78	80.95	106.55	81.26	106.31	81.57	106.07	81.88	105.83	82.19	105.59	82.50
35	107.58	81.56	107.34	81.87	107.10	82.18	106.86	82.49	106.62	82.80	106.38	83.11
36	108.38	82.16	108.14	82.48	107.90	82.79	107.65	83.11	107.41	83.42	107.17	83.73
37	109.17	82.77	108.93	83.08	108.69	83.40	108.45	83.72	108.20	84.03	107.96	84.35
38	109.97	83.37	109.73	83.69	109.48	84.01	109.24	84.33	108.99	84.65	108.75	84.96
39	110.77	83.98	110.52	84.30	100.28	84.62	110.03	84.94	109.78	85.26	109.53	85.58
140	111.56	84.58	111.32	84.90	111.07	85.23	110.82	85.55	110.57	85.87	110.32	86.19
41	112.36	85.18	112.11	85.51	111.86	85.84	111.61	86.16	111.36	86.49	111.11	86.81
42	113.16	85.79	112.91	86.12	112.66	86.44	112.40	86.77	112.15	87.10	111.90	87.42
43	113.95	86.39	113.70	86.72	113.45	87.05	113.20	87.38	112.94	87.71	112.69	88.04
44	114.75	87.00	114.50	87.33	114.24	87.66	113.99	87.99	113.73	88.33	113.47	88.66
45	115.55	87.60	115.29	88.94	115.04	88.27	114.78	88.61	114.52	88.94	114.26	89.27
46	116.34	88.20	116.09	87.54	115.83	88.88	115.57	89.22	115.31	89.55	115.05	89.89
47	117.14	88.81	116.88	89.15	116.62	89.49	116.36	89.83	116.10	90.17	115.84	90.50
48	117.94	89.41	117.68	89.75	117.42	90.10	117.15	90.44	116.89	90.78	116.63	91.12
49	118.74	90.02	118.47	90.36	118.21	90.71	117.95	91.05	117.68	91.39	117.41	91.73
150	119.53	90.62	119.27	90.97	119.00	91.31	118.74	91.66	118.47	92.01	118.20	92.35
51	120.33	91.23	120.06	91.57	119.80	91.92	119.53	92.27	119.26	92.62	118.99	92.96
52	121.13	91.83	120.86	92.18	120.59	92.53	120.32	92.88	120.05	93.23	119.78	93.58
53	121.92	92.43	121.65	92.79	121.38	93.14	121.11	93.49	120.84	93.85	120.57	94.20
54	122.72	93.04	122.45	93.39	122.18	93.75	121.90	94.10	121.63	94.46	121.35	94.81
55	123.52	93.64	123.24	94.00	122.97	94.36	122.69	94.72	122.42	95.07	122.14	95.43
56	124.31	94.25	124.04	94.61	123.76	94.97	123.49	95.33	123.21	95.69	122.93	96.04
57	125.11	94.85	124.83	95.21	124.56	95.58	124.28	95.94	124.00	96.30	123.72	96.66
58	125.91	95.45	125.63	95.82	125.35	96.18	125.07	96.55	124.79	96.91	124.51	97.27
59	126.70	96.06	126.42	96.43	126.14	96.79	125.86	97.16	125.58	97.53	125.29	97.89
160	127.50	96.66	127.22	97.03	126.94	97.40	126.65	97.77	126.37	98.14	126.08	98.51
61	128.30	97.27	128.01	97.64	127.73	98.01	127.44	98.38	127.16	98.75	126.87	99.12
62	129.09	97.87	128.81	98.24	128.52	98.62	128.24	98.99	127.95	99.37	127.66	99.74
63	129.89	98.47	129.60	98.85	129.32	99.23	129.03	99.60	128.74	99.98	128.45	100.35
64	130.69	99.08	130.40	99.46	130.11	99.84	129.82	100.22	129.53	100.59	129.23	100.97
65	131.49	99.68	131.19	100.06	130.90	100.45	130.61	100.83	130.32	101.21	130.02	101.58
66	132.28	100.29	131.99	100.67	131.70	101.05	131.40	101.44	131.11	101.82	130.81	102.20
67	133.08	100.89	132.79	101.28	132.49	101.66	132.19	102.05	131.90	102.43	131.60	102.82
68	133.88	101.50	133.58	101.88	133.28	102.27	132.99	102.66	132.69	103.05	132.39	103.43
69	134.67	102.10	134.38	102.49	134.08	102.88	133.78	103.27	133.48	103.66	133.17	104.05
170	135.47	102.70	135.17	103.10	134.87	103.49	134.57	103.88	134.27	104.27	133.96	104.66
71	136.27	103.31	135.97	103.70	135.66	104.10	135.36	104.49	135.06	104.89	134.75	105.28
72	137.06	103.91	136.76	104.31	136.46	104.71	136.15	105.10	135.85	105.50	135.54	105.89
73	137.86	104.52	137.56	104.92	137.25	105.32	136.94	105.72	136.64	106.11	136.33	106.51
74	138.66	105.12	138.35	105.52	138.04	105.92	137.73	106.33	137.43	106.73	137.11	107.12
75	139.45	105.72	139.15	106.13	138.84	106.53	138.53	106.94	138.22	107.34	137.90	107.74
76	140.25	106.33	139.94	106.74	139.63	107.14	139.32	107.55	139.00	107.95	138.69	108.36
77	141.05	106.93	140.74	107.34	140.42	107.75	140.11	108.16	139.79	108.57	139.48	108.97
78	141.84	107.54	141.53	107.95	141.22	108.36	140.90	108.77	140.58	109.18	140.27	109.59
79	142.64	108.14	142.33	108.55	142.01	108.97	141.69	109.38	141.37	109.79	141.05	110.20
180	143.44	108.75	143.12	109.16	142.80	109.58	142.48	109.99	142.16	110.41	141.84	110.82

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	144.24	109.35	143.92	109.77	143.60	110.19	143.28	110.60	142.95	111.02	142.63	111.43
82	145.03	109.95	144.71	110.37	144.39	110.79	144.07	111.21	143.74	111.63	143.42	112.05
83	145.83	110.56	145.51	110.98	145.18	111.40	144.86	111.83	144.53	112.25	144.21	112.67
84	146.63	111.16	146.30	111.59	145.98	112.01	145.65	112.44	145.32	112.86	144.99	113.28
85	147.42	111.77	147.10	112.19	146.77	112.62	146.44	113.05	146.11	113.47	145.78	113.90
86	148.22	112.37	147.89	112.80	147.56	113.23	147.23	113.66	146.90	114.09	146.57	114.51
87	149.02	112.97	148.69	113.41	148.36	113.84	148.03	114.27	147.69	114.70	147.36	115.13
88	149.81	113.58	149.48	114.01	149.15	114.45	148.82	114.88	148.48	115.31	148.15	115.74
89	150.61	114.18	150.28	114.62	149.94	115.06	149.61	115.49	149.27	115.93	148.93	116.36
190	151.41	114.79	151.07	115.23	150.74	115.66	150.40	116.10	150.06	116.54	149.72	116.98
91	152.20	115.39	151.87	115.83	151.53	116.27	151.19	116.71	150.85	117.15	150.51	117.59
92	153.00	115.99	152.66	116.44	152.32	116.88	151.98	117.33	151.64	117.77	151.30	118.21
93	153.80	116.60	153.46	117.04	153.12	117.49	152.77	117.94	152.43	118.38	152.09	118.82
94	154.59	117.20	154.25	117.65	153.91	118.10	153.57	118.55	153.22	118.99	152.87	119.44
95	155.39	117.81	155.05	118.26	154.70	118.71	154.36	119.16	154.01	119.61	153.66	120.05
96	156.19	118.41	155.84	118.86	155.50	119.32	155.15	119.77	154.80	120.22	154.45	120.67
97	156.99	119.02	156.64	119.47	156.29	119.93	155.94	120.38	155.59	120.83	155.24	121.29
98	157.78	119.62	157.43	120.08	157.08	120.53	156.73	120.99	156.38	121.45	156.03	121.90
99	158.58	120.22	158.23	120.68	157.88	121.14	157.52	121.60	157.17	122.06	156.81	122.52
200	159.38	120.83	159.02	121.29	158.67	121.75	158.32	122.21	157.96	122.67	157.60	123.13
01	160.17	121.43	159.82	121.90	159.46	122.36	159.11	122.83	158.75	123.29	158.39	123.75
02	160.97	122.04	160.61	122.50	160.26	122.97	159.90	123.44	159.54	123.90	159.18	124.36
03	161.77	122.64	161.41	123.11	161.05	123.58	160.69	124.05	160.33	124.51	159.97	124.98
04	162.56	123.24	162.20	123.72	161.84	124.19	161.48	124.66	161.12	125.13	160.75	125.59
05	163.36	123.85	163.00	124.32	162.64	124.80	162.27	125.27	161.91	125.74	161.54	126.21
06	164.16	124.45	163.79	124.93	163.43	125.40	163.07	125.88	162.70	126.35	162.33	126.83
07	164.95	125.06	164.59	125.54	164.22	126.01	163.86	126.49	163.49	126.97	163.12	127.44
08	165.75	125.66	165.38	126.14	165.02	126.62	164.65	127.10	164.28	127.58	163.91	128.06
09	166.55	126.27	166.18	126.75	165.81	127.23	165.44	127.71	165.07	128.19	164.69	128.67
210	167.34	126.87	166.98	127.35	166.60	127.84	166.23	128.32	165.86	128.81	165.48	129.29
11	168.14	127.47	167.77	127.96	167.40	128.45	167.02	128.94	166.65	129.42	166.27	129.90
12	168.94	128.08	168.57	128.57	168.19	129.06	167.81	129.55	167.44	130.03	167.06	130.52
13	169.74	128.68	169.36	129.17	168.98	129.67	168.61	130.16	168.23	130.65	167.85	131.14
14	170.53	129.29	170.16	129.78	169.78	130.27	169.40	130.17	169.02	131.26	168.63	131.75
15	171.33	129.89	170.95	130.39	170.57	130.88	170.19	131.38	169.81	131.87	169.42	132.37
16	172.13	130.49	171.75	130.99	171.36	131.49	170.98	131.99	170.60	132.49	170.21	132.98
17	172.92	131.10	172.54	131.60	172.16	132.10	171.77	132.60	171.39	133.10	171.00	133.60
18	173.72	131.70	173.34	132.21	172.95	132.71	172.56	133.21	172.18	133.71	171.79	134.21
19	174.52	132.31	174.13	132.81	173.74	133.32	173.36	133.82	172.97	134.33	172.57	134.83
220	175.31	132.91	174.93	133.42	174.54	133.93	174.15	134.44	173.76	134.94	173.36	135.45
21	176.11	133.51	175.72	134.03	175.33	134.54	174.94	135.05	174.55	135.55	174.15	136.06
22	176.91	134.12	176.52	134.63	176.12	135.14	175.73	135.66	175.34	136.17	174.94	136.68
23	177.70	134.72	177.31	135.24	176.92	135.75	176.52	136.27	176.13	136.78	175.73	137.29
24	178.50	135.33	178.11	135.84	177.71	136.36	177.31	136.88	176.92	137.39	176.51	137.91
25	179.30	135.93	178.90	136.45	178.50	136.97	178.11	137.49	177.71	138.01	177.30	138.52
26	180.09	136.54	179.70	137.06	179.30	137.58	178.90	138.10	178.49	138.62	178.09	139.14
27	180.89	137.14	180.49	137.66	180.09	138.19	179.69	138.71	179.28	139.23	178.88	139.75
28	181.69	137.74	181.29	138.27	180.88	138.80	180.48	139.32	180.07	139.85	179.67	140.37
29	182.49	138.35	182.08	138.88	181.68	139.41	181.27	139.94	180.86	140.46	180.45	140.99
230	183.28	138.95	182.88	139.48	182.47	140.01	182.06	140.55	181.65	141.08	181.24	141.60
31	184.08	139.56	183.67	140.09	183.26	140.62	182.85	141.16	182.44	141.69	182.03	142.22
32	184.88	140.16	184.47	140.70	184.06	141.23	183.65	141.77	183.23	142.30	182.82	142.83
33	185.67	140.76	185.26	141.30	184.85	141.84	184.44	142.38	184.02	142.92	183.61	143.45
34	186.47	141.37	186.06	141.91	185.64	142.45	185.23	142.99	184.81	143.53	184.39	144.06
35	187.27	141.97	186.85	142.52	186.44	143.06	186.02	143.60	185.60	144.14	185.18	144.68
36	188.06	142.58	187.65	143.12	187.23	143.67	186.81	144.21	186.39	144.76	185.97	145.30
37	188.86	143.18	188.44	143.73	188.02	144.28	187.60	144.82	187.18	145.37	186.76	145.91
38	189.66	143.79	189.24	144.34	188.82	144.88	188.40	145.43	187.97	145.98	187.55	146.53
39	190.45	144.39	190.03	144.94	189.61	145.49	189.19	146.05	188.76	146.60	188.33	147.14
240	191.25	144.99	190.83	145.55	190.40	146.10	189.98	146.66	189.55	147.21	189.12	147.76

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	192.05	145.60	191.62	146.15	191.20	146.71	190.77	147.27	190.34	147.82	189.91	148.37
42	192.84	146.20	192.42	146.76	191.99	147.32	191.56	147.88	191.13	148.44	190.70	148.99
43	193.64	146.81	193.21	147.37	192.78	147.93	192.35	148.49	191.92	149.05	191.49	149.61
44	194.44	147.41	194.01	147.97	193.58	148.54	193.15	149.10	192.71	149.66	192.27	150.22
45	195.24	148.01	194.80	148.58	194.37	149.15	193.94	149.71	193.50	150.28	193.06	150.84
46	196.03	148.62	195.60	149.19	195.16	149.75	194.73	150.32	194.29	150.89	193.85	151.45
47	196.83	149.22	196.39	149.79	195.96	150.36	195.52	150.93	195.08	151.50	194.64	152.07
48	197.63	149.83	197.19	150.40	196.75	150.97	196.31	151.55	195.87	152.12	195.43	152.68
49	198.42	150.43	197.98	151.01	197.54	151.58	197.10	152.16	196.66	152.73	196.21	153.30
250	199.22	151.04	198.78	151.61	198.34	152.19	197.90	152.77	197.45	153.34	197.00	153.92
51	200.02	151.64	199.58	152.22	199.13	152.80	198.69	153.38	198.24	153.96	197.79	154.53
52	200.81	152.24	200.37	152.83	199.92	153.41	199.48	153.99	199.03	154.57	198.58	155.15
53	201.61	152.85	201.17	153.43	200.72	154.02	200.27	154.60	199.82	155.18	199.37	155.76
54	202.41	153.45	201.96	154.04	201.51	154.63	201.06	155.21	200.61	155.80	200.15	156.38
55	203.20	154.06	202.76	154.64	202.30	155.23	201.85	155.82	201.40	156.41	200.94	156.99
56	204.00	154.66	203.55	155.25	203.10	155.84	202.64	156.43	202.19	157.02	201.73	157.61
57	204.80	155.26	204.35	155.86	203.89	156.45	203.44	157.04	202.98	157.64	202.52	158.22
58	205.60	155.87	205.14	156.46	204.68	157.06	204.23	157.66	203.77	158.25	203.31	158.84
59	206.39	156.47	205.94	157.07	205.48	157.67	205.02	158.27	204.56	158.86	204.09	159.46
260	207.19	157.08	206.73	157.68	206.27	158.28	205.81	158.88	205.35	159.48	204.88	160.07
61	207.99	157.68	207.53	158.28	207.06	158.89	206.60	159.49	206.14	160.09	205.67	160.69
62	208.78	158.28	208.32	158.89	207.86	159.50	207.39	160.10	206.93	160.70	206.46	161.30
63	209.58	158.89	209.12	159.50	208.65	160.10	208.19	160.71	207.72	161.32	207.25	161.92
64	210.38	159.49	209.91	160.10	209.44	160.71	208.98	161.32	208.51	161.93	208.03	162.53
65	211.17	160.10	210.71	160.71	210.24	161.32	209.77	161.93	209.30	162.54	208.82	163.15
66	211.97	160.70	211.50	161.32	211.03	161.93	210.56	162.54	210.09	163.16	209.61	163.77
67	212.77	161.31	212.30	161.92	211.82	162.54	211.35	163.16	210.88	163.77	210.40	164.38
68	213.56	161.91	213.09	162.53	212.62	163.15	212.14	163.77	211.67	164.38	211.19	165.00
69	214.36	162.51	213.89	163.14	213.41	163.76	212.94	164.38	212.46	165.00	211.97	165.61
270	215.16	163.12	214.68	163.74	214.20	164.37	213.73	164.99	213.25	165.61	212.76	166.23
71	215.95	163.72	215.48	164.35	215.00	164.97	214.52	165.60	214.04	166.22	213.55	166.84
72	216.75	164.33	216.27	164.95	215.79	165.58	215.31	166.21	214.83	166.84	214.34	167.46
73	217.55	164.93	217.07	165.56	216.58	166.19	216.10	166.82	215.62	167.45	215.13	168.08
74	218.35	165.53	217.86	166.17	217.38	166.80	216.89	167.43	216.41	168.06	215.91	168 69
75	219.14	166.14	218.66	166.77	218.17	167.41	217.68	168.04	217.20	168.68	216.70	169.31
76	219.94	166.74	219.45	167.38	218.96	168.02	218.48	168.66	217.98	169.29	217.49	169.92
77	220.74	167.35	220.25	167.99	219.76	168.63	219.27	169.27	218.77	169.90	218.28	170.54
78	221.53	167.95	221.04	168.59	220.55	169.24	220.06	169.88	219.56	170.52	219.07	171.15
79	222.33	168.56	221.84	169.20	221.34	169.84	220.85	170.49	220.35	171.13	219.85	171.77
280	223.13	169.16	222.63	169.81	222.14	170.45	221.64	171.10	221.14	171.74	220.64	172.38
81	223.92	169.76	223.43	170.41	222.93	171.06	222.43	171.71	221.93	172.36	221.43	173.00
82	224.72	170.37	224.22	171.02	223.72	171.67	223.23	172.32	222.72	172.97	222.22	173.62
83	225.52	170.97	225.02	171.63	224.52	172.28	224.02	172.93	223.51	173.58	223.01	174.23
84	226.31	171.58	225.81	172.23	225.31	172.89	224.81	173.54	224.30	174.20	223.79	174.85
85	227.11	172.18	226.61	172.84	226.10	173.50	225.60	174.15	225.09	174.81	224.58	175.46
86	227.91	172.78	227.40	173.44	226.90	174.11	226.39	174.77	225.88	175.42	225.37	176.08
87	228.70	173.39	228.20	174.05	227.69	174.71	227.18	175.38	226.67	176.04	226.16	176.69
88	229.50	173.99	228.99	174.66	228.48	175.32	227.98	175.99	227.46	176.65	226.95	177.31
89	230.30	174.60	229.79	175.26	229.28	175.93	228.77	176.60	228.25	177.26	227.73	177.93
290	231.10	175.20	230.58	175.87	230.07	176.54	229.56	177.21	229.04	177.88	228.52	178.54
91	231.89	175.80	231.38	176.48	230.86	177.15	230.35	177.82	229.83	178.49	229.31	179.16
92	232.69	176.41	232.18	177.08	231.66	177.76	231.14	178.43	230.62	179.10	230.10	179.77
93	233.49	177.01	232.97	177.69	232.45	178.37	231.93	179.04	231.41	179.72	230.89	180.39
94	234.28	177.62	233.77	178.30	233.24	178.98	232.72	179.65	232.20	180.33	231.67	181.00
95	235.08	178.22	234.56	178.90	234.04	179.58	233.52	180.27	232.99	180.94	232.46	181.62
96	235.88	178.83	235.36	179.51	234.83	180.19	234.31	180.88	233.78	181.56	233.25	182.24
97	236.67	179.43	236.15	180.12	225.62	180.80	235.10	181.49	234.57	182.17	234.04	182.85
98	237.47	180.03	236.95	180.72	236.42	181.41	235.89	182.10	235.36	182.78	234.83	183.47
99	238.27	180.64	237.74	181.33	237.21	182.02	236.68	182.71	236.15	183.40	235.61	184.08
300	239.06	181.24	238.54	181.94	238.01	182.63	237.47	183.32	236.94	184.01	236.40	184.70

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.79	0.62	0.78	0.62	0.78	0.62	0.78	0.62	0.78	0.63	0.78	0.63
2	1.57	1.24	1.57	1.24	1.57	1.25	1.56	1.25	1.56	1.25	1.55	1.26
3	2.36	1.85	2.35	1.86	2.35	1.87	2.34	1.87	2.34	1.88	2.33	1.89
4	3.14	2.47	3.14	2.48	3.13	2.49	3.12	2.50	3.12	2.51	3.11	2.52
5	3.93	3.09	3.92	3.10	3.91	3.11	3.90	3.12	3.89	3.14	3.89	3.15
6	4.72	3.71	4.71	3.72	4.70	3.74	4.68	3.75	4.67	3.76	4.66	3.78
7	5.50	4.33	5.49	4.34	5.48	4.36	5.47	4.37	5.45	4.39	5.44	4.41
8	6.29	4.94	6.28	4.96	6.26	4.98	6.25	5.00	6.23	5.02	6.22	5.03
9	7.08	5.56	7.06	5.58	7.04	5.60	7.03	5.62	7.01	5.64	6.99	5.66
10	7.86	6.18	7.84	6.20	7.83	6.23	7.81	6.25	7.79	6.27	7.77	6.29
11	8.65	6.80	8.63	6.82	8.61	6.85	8.59	6.87	8.57	6.90	8.55	6.92
12	9.43	7.42	9.41	7.44	9.39	7.47	9.37	7.50	9.35	7.52	9.33	7.55
13	10.22	8.03	10.20	8.06	10.17	8.09	10.15	8.12	10.13	8.15	10.10	8.18
14	11.01	8.65	10.98	8.68	10.96	8.72	10.93	8.85	10.91	8.78	10.88	8.81
15	11.79	9.27	11.77	9.30	11.74	9.34	11.71	9.37	11.68	9.41	11.66	9.44
16	12.58	9.89	12.55	9.92	12.52	9.96	12.49	10.00	12.46	10.03	12.43	10.07
17	13.37	10.51	13.33	10.54	13.30	10.58	13.27	10.62	13.24	10.66	13.21	10.70
18	14.15	11.12	14.12	11.16	14.09	11.21	14.05	11.25	14.02	11.29	13.99	11.33
19	14.94	11.74	14.90	11.78	14.87	11.83	14.84	11.87	14.80	11.91	14.77	11.96
20	15.72	12.36	15.69	12.40	15.65	12.45	15.62	12.50	15.58	12.54	15.54	12.59
21	16.51	12.98	16.47	13.03	16.43	13.07	16.40	13.12	16.36	13.17	16.32	13.22
22	17.30	13.59	17.26	13.65	17.22	13.70	17.18	13.75	17.14	13.80	17.10	13.84
23	18.08	14.21	18.04	14.27	18.00	14.32	17.96	14.37	17.92	14.42	17.87	14.47
24	18.87	14.83	18.83	14.89	18.78	14.94	18.74	14.99	18.70	15.05	18.65	15.10
25	19.66	15.45	19.61	15.51	19.57	15.56	19.52	15.62	19.47	15.68	19.43	15.73
26	20.44	16.07	20.39	16.13	20.35	16.19	20.30	16.24	20.25	16.30	20.21	16.36
27	21.23	16.68	21.18	16.75	21.13	16.81	21.08	16.87	21.03	16.93	20.98	16.99
28	22.01	17.30	21.96	17.37	21.91	17.43	21.86	17.49	21.81	17.56	21.76	17.62
29	22.80	17.92	22.75	17.99	22.70	18.05	22.64	17.12	22.59	18.18	22.54	18.25
30	23.59	18.54	23.53	18.61	23.48	18.68	23.42	18.74	23.37	18.81	23.31	18.88
31	24.37	19.16	24.32	19.23	24.26	19.30	24.20	19.37	24.15	19.44	24.09	19.51
32	25.16	19.77	25.10	19.85	25.04	19.92	24.99	19.99	24.93	20.07	24.87	20.14
33	25.95	20.39	25.89	20.47	25.83	20.54	25.77	20.62	25.71	20.69	25.65	20.77
34	26.73	21.01	26.67	21.09	26.61	21.17	26.55	21.24	26.48	21.32	26.42	21.40
35	27.52	21.63	27.45	21.71	27.39	21.79	27.33	21.87	27.26	21.95	27.20	22.03
36	28.30	22.25	28.24	22.33	28.17	22.41	28.11	22.49	28.04	22.57	27.98	22.66
37	29.09	22.86	29.02	22.95	28.96	23.03	28.89	23.12	28.82	23.20	28.75	23.28
38	29.88	23.48	29.81	23.57	29.74	23.66	29.67	23.74	29.60	23.83	29.53	23.91
39	30.66	24.10	30.59	24.19	30.52	24.28	30.45	24.37	30.38	24.46	30.31	24.54
40	31.45	24.72	31.38	24.81	31.30	24.90	31.23	24.99	31.16	25.08	31.09	25.17
41	32.24	25.34	32.16	25.43	32.09	25.52	32.01	25.62	31.94	25.71	31.86	25.80
42	33.02	25.95	32.95	26.05	32.87	26.15	32.79	26.24	32.72	26.34	32.64	26.43
43	33.81	26.57	33.73	26.67	33.65	26.77	33.57	26.87	33.50	26.96	33.42	27.06
44	34.59	27.19	34.51	27.29	34.43	27.39	34.35	27.49	34.27	27.59	34.19	27.69
45	35.38	27.81	35.30	27.91	35.22	28.01	35.14	28.12	35.05	28.22	34.97	28.32
46	36.17	28.43	36.08	28.53	36.00	28.64	35.92	28.74	35.83	28.84	35.75	28.95
47	36.95	29.04	36.87	29.15	36.78	29.26	36.70	29.37	36.61	29.47	36.53	29.58
48	37.74	29.66	37.65	29.77	37.57	29.88	37.48	29.99	37.39	30.10	37.30	30.21
49	38.52	30.28	38.44	30.39	38.35	30.50	38.26	30.61	38.17	30.73	38.08	30.84
50	39.31	30.90	39.22	31.01	39.13	31.13	39.04	31.24	38.95	31.35	38.86	31.47
51	40.10	31.52	40.00	31.63	39.91	31.75	39.82	31.86	39.73	31.98	39.63	32.09
52	40.88	32.13	40.79	32.25	40.70	32.37	40.60	32.49	40.51	32.61	40.41	32.72
53	41.67	32.75	41.57	32.87	41.48	32.99	41.38	33.11	41.29	33.23	41.19	33.35
54	42.46	33.37	42.36	33.49	42.26	33.62	42.16	33.74	42.06	33.86	41.97	33.98
55	43.24	33.99	43.14	34.11	43.04	34.24	42.94	34.36	42.84	34.49	42.74	34.61
56	44.03	34.61	43.93	34.73	43.83	34.86	43.72	34.99	43.62	35.12	43.52	35.24
57	44.81	35.22	44.71	35.35	44.61	35.48	44.51	35.61	44.40	35.74	44.30	35.87
58	45.60	35.84	45.50	35.97	45.39	36.11	45.29	36.24	44.18	36.37	45.07	36.50
59	46.39	36.46	46.28	36.59	46.17	36.73	46.07	36.86	45.96	37.00	45.85	37.13
60	47.17	37.08	47.06	37.21	46.96	37.35	46.85	37.49	46.74	37.62	46.63	37.76

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	47.96	37.70	47.85	37.83	47.74	37.97	47.63	38.11	47.52	38.25	47.41	38.39
62	48.75	38.31	48.63	38.45	48.52	38.60	48.41	38.74	48.30	38.88	48.18	39.02
63	49.53	38.93	49.42	39.08	49.30	39.22	49.19	39.36	49.08	39.50	48.96	39.65
64	50.32	39.55	50.20	39.70	50.09	39.84	49.97	39.99	49.85	40.13	49.74	40.28
65	51.10	40.17	50.99	40.32	50.87	40.46	50.75	40.61	50.63	40.76	50.51	40.91
66	51.89	40.78	51.77	40.94	51.65	41.09	51.53	41.24	51.41	41.39	51.29	41.53
67	52.68	41.40	52.56	41.56	52.43	41.71	52.31	41.86	52.19	42.01	52.07	42.16
68	53.46	42.02	53.34	42.18	53.22	42.33	53.09	42.49	52.97	42.64	52.85	42.79
69	54.25	42.64	54.12	42.80	54.00	42.95	53.87	43.11	53.75	43.27	53.62	43.42
70	55.04	43.26	54.91	43.42	54.78	43.58	54.66	43.74	54.53	43.89	54.40	44.05
71	55.82	43.87	55.69	44.04	55.57	44.20	55.44	44.36	55.31	44.52	55.18	44.68
72	56.61	44.49	56.48	44.66	56.35	44.82	56.22	44.98	56.09	45.15	55.95	45.31
73	57.39	45.11	57.26	45.28	57.13	45.44	57.00	45.61	56.86	45.78	56.73	45.94
74	58.18	45.73	58.05	45.90	57.91	46.07	57.78	46.23	57.64	46.40	57.51	46.57
75	58.97	46.35	58.83	46.52	58.70	46.69	58.56	46.86	58.42	47.03	58.29	47.20
76	59.75	46.96	59.62	47.14	59.48	47.31	59.34	47.48	59.20	47.66	59.06	47.83
77	60.54	47.58	60.40	47.76	60.26	47.93	60.12	48.11	59.98	48.28	59.84	48.46
78	61.33	48.20	61.18	48.38	61.04	48.56	60.90	48.73	60.76	48.91	60.62	49.09
79	62.11	48.82	61.97	49.00	61.83	49.18	61.68	49.36	61.54	49.54	61.39	49.72
80	62.90	49.44	62.75	49.62	62.61	49.80	62.46	49.98	62.32	50.16	62.17	50.34
81	63.68	50.05	63.54	50.24	63.39	50.42	63.24	50.61	63.10	50.79	62.95	50.97
82	64.47	50.67	64.32	50.86	64.17	51.05	64.02	51.23	63.88	51.42	63.73	51.60
83	65.26	51.29	65.11	51.48	64.96	51.67	64.81	51.86	64.65	52.05	64.50	52.23
84	66.04	51.91	65.89	52.10	65.74	52.29	65.59	52.48	65.43	52.67	65.28	52.86
85	66.83	52.53	66.67	52.72	66.52	52.91	66.37	53.11	66.21	53.30	66.06	53.49
86	67.61	53.14	67.46	53.34	67.30	53.54	67.15	53.73	66.99	53.93	66.83	54.12
87	68.40	53.76	68.24	53.96	68.09	54.16	67.93	54.36	67.77	54.55	67.61	54.75
88	69.19	54.38	69.03	54.58	68.87	54.78	68.71	54.98	68.55	55.18	68.39	55.38
89	69.97	55.00	69.81	55.20	69.65	55.40	69.49	55.61	69.33	55.81	69.17	56.01
90	70.76	55.62	70.60	55.82	70.43	56.03	70.27	56.23	70.11	56.44	69.94	56.64
91	71.55	56.23	71.38	56.44	71.22	56.65	71.05	56.86	70.89	57.06	70.72	57.27
92	72.33	56.85	72.17	57.06	72.00	57.27	71.83	57.48	71.67	57.69	71.50	57.90
93	73.12	57.47	72.95	57.68	72.78	57.89	72.61	58.11	72.44	58.32	72.27	58.53
94	73.90	58.09	73.73	58.30	73.57	58.52	73.39	58.73	73.22	58.94	73.05	59.16
95	74.69	58.71	74.52	58.92	74.35	59.14	74.18	59.36	74.00	59.57	73.83	59.78
96	75.48	59.32	75.30	59.54	75.13	59.76	74.96	59.98	74.78	60.20	74.61	60.41
97	76.26	59.94	76.09	60.16	75.91	60.38	75.74	60.60	75.56	60.82	75.38	61.04
98	77.05	60.56	76.87	60.78	76.70	61.01	76.52	61.23	76.34	61.45	76.16	61.67
99	77.84	61.18	77.66	61.40	77.48	61.63	77.30	61.85	77.12	62.08	76.94	62.30
100	78.62	61.80	78.44	62.02	78.23	62.25	78.08	62.48	77.90	62.71	77.72	62.93
01	79.41	62.41	79.23	62.64	79.04	62.87	78.86	63.10	78.68	63.33	78.49	63.56
02	80.19	63.03	80.01	63.26	79.83	63.50	79.64	63.73	79.45	63.96	79.27	64.19
03	80.98	63.65	80.79	63.88	80.61	64.12	80.42	64.35	80.23	64.59	80.05	64.82
04	81.77	64.27	81.58	64.50	81.39	64.74	81.20	64.98	81.01	65.21	80.82	65.45
05	82.55	64.88	82.36	65.13	82.17	65.36	81.98	65.60	81.79	65.84	81.60	66.08
06	83.34	65.50	83.15	65.75	82.96	65.99	82.76	66.23	82.57	66.74	82.38	66.71
07	84.13	66.12	83.93	66.37	83.74	66.61	83.54	66.85	83.35	67.10	83.16	67.34
08	84.91	66.74	84.72	66.99	84.52	67.23	84.33	67.48	84.13	67.72	83.93	67.97
09	85.70	67.36	85.50	67.61	85.30	67.85	85.11	68.10	84.91	68.35	84.71	68.59
110	86.48	67.97	86.29	68.23	86.09	68.48	85.89	68.73	85.69	68.98	85.49	69.22
11	87.27	68.59	87.07	68.85	86.87	69.10	86.67	69.35	86.47	69.60	86.26	69.85
12	88.06	69.21	87.85	69.47	87.65	69.72	87.45	69.98	87.24	70.23	87.04	70.48
13	88.84	69.83	88.64	70.09	88.43	70.34	88.23	70.60	88.02	70.86	87.82	71.11
14	89.63	70.45	89.42	70.71	89.22	70.97	89.01	71.23	88.80	71.48	88.60	71.74
15	90.42	71.06	90.21	71.33	90.00	71.59	89.79	71.85	89.58	72.11	89.37	72.37
16	91.20	71.68	90.99	71.95	90.78	72.21	90.57	72.48	90.36	72.74	90,15	73.00
17	91.99	72.30	91.78	72.57	91.57	72.83	91.35	73.10	91.14	73.37	90.93	73.63
18	92.77	72.92	92.56	73.19	92.35	73.46	92.13	73.73	91.92	73.99	91.70	74.26
19	93.56	73.54	93 34	73.81	93.13	74.08	92.91	74.35	92.70	74.62	92.48	74.89
120	94.35	74.15	94.13	74.43	93.91	74.70	93.69	74.97	93.48	75.25	93.26	75.52

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dep.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	95.13	74.77	94.91	75.05	94.70	75.32	94.48	75.60	94.26	75.87	94.04	76.15
22	95.92	75.39	95.70	75.67	95.48	75.95	95.26	76.22	95.03	76.50	94.81	76.78
23	96.71	76.01	96.48	76.29	96.26	76.57	96.04	76.85	95.81	77.13	95.59	77.41
24	97.49	76.63	97.27	76.91	97.04	77.19	96.82	77.47	86.59	77.76	96.37	78.03
25	98.28	77.24	98.05	77.53	97.83	77.82	97.60	78.10	97.37	78.38	97.14	78.66
26	99.06	77.86	98.84	78.15	98.61	78.44	98.38	78.72	98.15	79.01	97.92	79.29
27	99.85	78.48	99.62	78.77	99.39	79.06	99.16	79.35	98.93	79.64	98.70	79.92
28	100.64	79.10	100.40	79.39	100.17	79.68	99.94	79.97	99.71	80.26	99.48	80.55
29	101.42	79.72	101.19	80.01	100.96	80.31	100.72	80.60	100.49	80.89	100.25	81.18
130	102.21	80.33	101.97	80.63	101.74	80.93	101.50	81.22	101.27	81.52	101.03	81.81
31	102.99	80.95	102.76	81.25	102.52	81.55	102.28	81.85	102.05	82.14	101.81	82.44
32	103.78	81.57	103.54	81.87	103.30	82.17	103.06	82.47	102.82	82.77	102.58	83.07
33	104.57	82.19	104.33	82.49	104.09	82.80	103.85	83.10	103.60	83.40	103.86	83.70
34	105.35	82.81	105.11	83.11	104.87	83.42	104.63	83.72	104.38	84.03	104.14	84.33
35	106.14	83.42	105.90	83.73	106.65	84.04	105.41	84.35	105.16	84.65	104.92	84.96
36	106.93	84.04	106.68	84.35	196.43	84.66	106.19	84.97	105.94	85.28	105.69	85.59
37	107.71	84.66	107.46	84.97	107.22	85.29	106.97	85.60	106.72	85.91	106.47	86.22
38	108.50	85.28	108.25	85.59	108.00	85.91	107.75	86.22	107.50	86.53	107.25	86.84
39	109.28	85.90	109.03	86.21	108.78	86.53	108.53	86.85	108.28	87.16	108.02	87.47
140	110.07	86.51	109.82	86.83	109.57	87.15	109.31	87.47	109.06	87.79	108.80	88.10
41	110.86	87.13	110.60	87.45	110.35	87.78	110.09	88.10	109.83	88.42	109.58	88.73
42	111.64	87.75	111.39	88.07	111.13	88.40	110.87	88.72	110.61	89.04	110.36	89.36
43	112.43	88.37	112.17	88 69	111.91	89.02	111.65	80.34	111.39	89.67	111.13	89.99
44	113.22	88.98	112.96	89.31	112.70	89.64	112.43	89.97	112.17	90.30	111.91	90.62
45	114.00	89.60	113.74	89.93	113.48	90.27	113.21	90.59	112.95	90.92	112.69	91.25
46	114.79	90.22	114.52	90.56	114.26	90.89	114.00	91.22	113.73	91.55	113.46	91.88
47	115.57	90.84	115.31	91.18	115.04	91.51	114.78	91.84	114.51	92.18	114.24	92.51
48	116.36	91.46	116.09	91.80	115.83	92.13	115.56	92.47	115.29	92.80	115.02	93.14
49	117.15	92.07	116.88	92.42	116.61	92.76	116.34	93.09	116.07	93.43	115.80	93.77
150	117.93	92.69	117.66	93.04	117.39	93.38	117.12	93.72	116.85	94.06	116.57	94.40
51	118.72	93.31	118.45	93.66	118.17	94.00	117.90	94.34	117.62	94.69	117.35	95.03
52	119.51	93.93	119.23	94.28	118.96	94.62	118.68	94.97	118.40	95.31	118.13	95.66
53	120.29	94.55	120.01	94.90	119.74	95.25	119.46	95.59	119.18	95.94	118.90	96.28
54	121.08	95.16	120.80	95.52	120.52	95.87	120.24	96.22	119.96	96.57	119.68	96.91
55	121.86	95.78	121.58	96.14	121.30	96.49	121.02	96.84	120.74	97.19	120.46	97.54
56	122.65	96.40	122.37	96.76	122.09	97.11	121.80	97.47	121.52	97.82	121.24	98.17
57	123.44	97.02	123.15	97.38	122.87	97.74	122.58	98.09	122.30	98.45	122.01	98.80
58	124.22	97.64	123.94	98.00	123.65	98.36	123.36	98.72	123.08	99.08	122.79	99.43
59	125.01	98.25	124.72	98.62	124.43	98.98	124.15	99.34	123.86	99.70	123.57	100.06
160	125.80	98.87	125.51	99.24	125.22	99.60	124.93	99.97	124.64	100.33	124.34	100.69
61	126.58	99.49	126.29	99.86	126.00	100.23	125.71	100.59	125.41	100.96	125.12	101.32
62	127.37	100.11	127.07	100.48	126.78	100.85	126.49	101.22	126.19	101.58	125.90	101.95
63	128.15	100.73	127.86	101.10	127.57	101.47	127.27	101.84	126.97	102.21	126.68	102.58
64	128.94	101.34	128.64	101.72	128.35	102.09	128.05	102.47	127.75	102.84	127.45	103.21
65	129.73	101.96	129.43	102.34	129.13	102.72	128.83	103.09	128.53	103.46	128.23	103.84
66	130.51	102.58	130.21	102.96	129.91	103.34	129.61	103.72	129.31	104.09	129.01	104.47
67	131.30	103.20	131.00	103.58	130.70	103.96	130.39	104.34	130.09	104.72	129.78	105.09
68	132.08	103.82	131.78	104.20	131.48	104.58	131.17	104.96	130.87	195.35	130.56	105.72
69	132.87	104.43	132.57	104.82	132.26	105.21	131.95	105.59	131.65	105.97	131.34	106.35
170	133.66	105.05	133.05	105.44	133.04	105.83	132.73	106.21	132.42	106.60	132.12	106.98
71	134.44	106.67	134.13	106.06	133.83	106.45	133.52	106.84	133.20	107.23	132.89	107.61
72	135.23	106.29	134.92	106.68	134.61	107.07	134.30	107.46	133.98	107.85	133.67	108.24
73	136.02	106.91	135.70	107.30	135.39	107.70	135.08	108.09	134.76	108.48	134.45	108.87
74	136.80	107.52	136.49	107.92	136.17	108.32	135.86	108.71	135.54	109.11	135.22	109.50
75	137.59	108.14	137.27	108.54	136.96	108.94	136.64	109.34	136.32	109.74	136.00	110.13
76	138.37	108.76	138.06	109.16	137.74	109.56	137.42	109.96	137.10	110.36	136.78	110.76
77	139.16	109.38	138.84	109.78	138.52	110.19	138.20	110.59	137.88	110.99	137.56	111.39
78	139.95	110.00	139.62	110.40	139.30	110.81	138.98	111.21	138.66	111.62	138.33	112.02
79	140.73	110.61	140.41	111.02	140.09	111.43	139.76	111.84	139.44	112.24	139.11	112.65
180	141.52	111.23	141.19	111.64	140.87	112.05	140.54	112.46	140.21	112.87	139.89	113.28

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	142.31	111.85	141.98	112.26	141.65	112.68	141.32	113.09	140.99	113.50	140.66	113.91
82	143.09	112.47	142.76	112.88	142.44	113.30	142.10	113.71	141.77	114.12	141.44	114.53
83	143.88	113.08	143.55	113.50	143.22	113.92	142.88	114.34	142.55	114.75	142.22	115.16
84	144.66	113.70	144.33	114.12	144.00	114.54	143.67	114.96	143.33	115.38	143.00	115.79
85	145.45	114.32	145.12	114.74	144.78	115.17	144.45	115.59	144.11	116.01	143.77	116.42
86	146.24	114.94	145.90	115.36	145.57	115.79	145.23	116.21	144.89	116.63	144.55	117.05
87	147.02	115.56	146.68	115.98	146.35	116.41	146.01	116.84	145.67	117.26	145.33	117.68
88	147.81	116.17	147.47	116.61	147.13	117.03	146.79	117.46	146.45	117.89	146.10	118.31
89	148.60	116.79	148.25	117.23	147.91	117.66	147.57	118.09	147.23	118.51	146.88	118.94
190	149.38	117.41	149.08	117.85	148.70	118.28	148.35	118.71	148.00	119.14	147.66	119.57
91	150.17	118.03	159.82	118.47	149.48	118.90	149.13	119.33	148.78	119.77	148.44	120.20
92	150.95	118.65	150.61	119.09	150.26	119.52	149.91	119.96	149.56	120.40	149.21	120.83
93	151.74	119.26	151.39	119.71	151.04	120.15	150.69	120.58	150.34	121.02	149.99	121.46
94	152.53	119.88	152.18	120.33	152.83	120.77	151.47	121.21	151.12	121.65	150.77	122.09
95	153.31	120.50	152.96	120.95	152.61	121.39	152.25	121.83	151.90	122.28	151.54	122.72
96	154.10	121.12	153.74	121.57	153.39	122.01	153.03	122.46	152.68	122.90	152 32	123.34
97	154.89	121.74	154.53	122.19	154.17	122.64	163.82	123.08	153.46	123.53	153.10	123.97
98	155.67	122.35	155.31	122.81	154.96	123.26	154.60	123.71	154.24	124.16	153.88	124.60
99	156.46	122.97	156.10	123.43	155.74	123.88	155.38	124.33	155.02	124.78	154.65	125.23
200	157.24	123.59	156.88	124.05	156.52	124.50	156.16	124.96	155.79	125.41	155.43	125.86
01	158.03	124.21	157.67	124.67	157.30	125.13	156.94	125.58	156.57	126.04	156.21	126.49
02	158.82	124.83	158.45	126.29	158.09	125.75	157.72	126.21	157.35	126.67	156.98	127.12
03	159.60	125.44	159.24	125.91	158.87	126.37	158.50	126.83	158.13	127.29	157.76	127.75
04	160.39	126.06	160.02	126.53	159.65	126.99	159.28	127.46	158.91	127.92	158.54	128.38
05	161.18	126.68	160.80	127.15	160.44	127.62	160.06	128.08	159.69	128.55	159.32	129.01
06	161.96	127.30	161.59	127.77	161.22	128.24	160.84	128.71	160.47	129.17	160.09	129.64
07	162.75	127.92	162.37	128.39	162.00	128.86	161.62	129.33	161.25	129.80	160.87	130.27
08	163.53	128.53	163.16	129.01	162.78	129.48	162.40	129.96	162.03	130.43	161.65	130.90
09	164.32	129.15	163.94	129.63	163.57	130.11	163.19	130.58	162.80	131.06	162.42	131.53
210	165.11	129.77	164.73	130.25	164.35	130.73	163.97	131.21	163.58	131.68	163.20	132.16
11	165.89	130.39	165.51	130.87	165.13	131.35	164.75	131.83	164.36	132.31	163.98	132.78
12	166.68	131.01	166.29	131.49	165.91	131.97	165.53	132.46	165.14	132.94	164.76	133.41
13	167.46	131.62	167.08	132.11	166.70	132.60	166.31	133.08	165.92	133.56	165.53	134.04
14	168.25	132.24	167.86	132.73	167.48	133.22	167.09	133.71	166.70	134.19	166.31	134.67
15	169.04	132.86	168.65	133.35	168.26	133.84	167.87	134.33	167.48	135.82	167.09	135.30
16	169.32	133.48	169.43	133.97	169.04	134.46	168.65	134.95	168.26	135.44	167.86	135.93
17	170.61	134.10	170.22	134.59	169.83	135.09	169.43	135.58	169.04	136.07	168.64	136.56
18	171.40	134.71	171.00	135.21	170.61	135.71	170.21	136.20	169.82	136.70	169.42	137.19
19	172.18	135.33	171.79	135.83	171.39	136.33	170.99	136.83	170.59	137.33	170.20	137.82
220	172.97	135.95	172.57	136.45	172.17	136.95	171.77	137.45	171.37	137.95	170.97	138.45
21	173.75	136.57	173.35	137.07	172.96	137.58	172.55	138.08	172.15	138.58	171.75	139.08
22	174.54	137.18	174.14	137.69	173.74	138.20	173.34	138.70	172.93	139.21	172.53	139.71
23	175.33	137.80	174.92	138.31	174.52	138.82	174.12	139.33	173.71	139.83	173.30	140.34
24	176.11	138.42	175.71	138.93	175.30	139.44	174.90	139.95	174.49	140.46	174.08	140.97
25	176.90	139.04	176.49	139.55	176.09	140.07	175.68	140.58	175.27	141.09	174.86	141.59
26	177.69	139.66	177.28	140.17	176.87	140.69	176.46	141.20	176.05	141.72	175.64	142.22
27	178.47	140.27	178.06	140.79	177.65	141.31	177.24	141.83	176.83	142.34	176.41	142.85
28	179.26	140.89	178.85	141.41	178.44	141.93	178.02	142.45	177.61	142.97	177.19	143.48
29	180.04	141.51	179.63	142.03	179.22	142.56	178.80	143.08	178.38	143.60	177.97	144.11
230	180.83	142.13	180.41	142.66	180.00	143.18	179.58	143.70	179.16	144.22	178.74	144.74
31	181.62	142.75	181.20	143.28	180.78	143.80	180.36	144.33	179.94	144.85	179.52	145.37
32	182.40	143.36	181.98	143.90	181.57	144.42	181.14	144.95	180.72	145.48	180.30	146.00
33	183.19	143.98	182.7	144.52	182.35	145.05	181.92	145.58	181.50	146.10	181.08	146.63
34	183.98	144.60	183.55	145.14	183.13	145.67	182.70	146.20	182.28	146.73	181.85	147.26
35	184.76	145.22	184.34	145.76	183.91	146.29	183.49	145.83	183.06	147.36	182.63	147.89
36	185.55	145.84	185.12	146.38	184.70	146.91	184.27	147.45	183.84	147.99	183.41	148.52
37	186.33	146.45	185.91	147.00	185.48	147.54	185.05	148.08	184.62	148.61	184.18	149.15
38	187.12	147.07	186.69	147.62	186.26	148.16	185.83	148.70	185.39	149.24	184.96	149.78
39	187.91	147.69	187.47	148.24	187.04	148.78	186.61	149.32	186.17	149.87	185.74	150.41
240	188.69	148.31	188.26	148.86	187.83	149.40	187.39	149.95	186.95	150.49	186.52	151.03
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	189.48	148.93	189.04	149.48	188.61	150.03	188.17	150.57	187.73	151.12	187.29	151.66
42	190.27	149.54	189.83	150.10	189.39	150.65	188.95	151.20	188.51	151.75	188.07	152.29
33	191.05	150.16	190.61	150.72	190.17	151.27	189.73	151.82	189.29	152.38	188.85	152.92
44	191.84	150.78	191.40	151.34	190.96	151.89	190.51	152.45	190.07	153.00	189.62	153.55
45	192.62	151.40	192.18	151.95	191.74	152.52	191.29	153.07	190.85	153.63	190.40	154.18
46	193.41	152.02	192.96	152.58	192.52	153.14	192.07	153.70	191.63	154.26	191.18	154.81
47	194.20	152.63	193.75	153.20	193.30	153.76	192.86	154.32	192.41	154.88	191.96	155.44
48	194.98	153.25	194.53	153.82	194.09	154.38	193.64	154.95	193.18	155.51	192.73	156.07
49	195.77	153.87	195.32	154.44	194.87	155.01	194.42	155.57	193.96	156.14	163.51	156.70
250	196.56	154.49	196.10	156.06	195.65	155.63	195.20	156.20	194.74	156.77	194.29	157.33
51	197.34	155.11	196.89	155.68	196.44	156.25	195.98	156.82	195.52	157.39	195.06	157.96
52	198.13	155.72	197.67	156.30	197.22	156.88	196.76	157.45	196.30	158.02	195.84	158.59
58	198.91	156.34	198.46	156.92	198.00	157.50	197.54	158.07	197.08	158.65	196.62	159.22
54	199.70	156.96	199.24	157.54	198.78	158.12	198.32	158.70	197.86	159.27	197.40	159.84
55	200.49	157.58	200.02	158.16	199.57	158.74	199.10	159.32	198.64	159.90	198.17	160.47
56	201.27	158.20	200.81	158.78	200.35	159.37	199.88	159.95	199.42	160.53	198.95	161.10
57	202.06	158.81	201.59	159.40	201.13	159.99	200.66	160.57	200.20	161.15	199.73	161.73
58	202.84	159.43	202.38	160.02	201.91	160.61	201.44	161.20	200.97	161.78	200.50	162.36
59	203.63	160.05	203.16	160.64	202.70	161.23	202.22	161.82	201.75	162.41	201.28	162.99
260	204.42	160.67	203.95	161,26	203.48	161.86	203.01	162.45	202.53	163.04	202.06	163.62
61	205.20	161.28	204.73	161,88	204.26	162.48	203.79	163.07	203.31	163.66	202.84	164.25
62	205.99	161.90	205.52	162.50	205.04	163.10	204.57	163.69	204.09	164.29	203.61	164.88
63	206.78	162.52	206.30	163.12	205.83	163.72	205.35	164.32	204.87	164.92	204.39	165.51
64	207.56	163.14	207.08	163.74	206.61	164.35	206.13	164.94	205.65	165.54	205.17	166.14
65	208.35	163.76	207.87	164.36	207.39	164.97	206.91	165.57	206.43	166.17	205.94	166.77
66	209.13	164.37	208.65	164.98	208.17	165.59	207.69	166.19	207.21	166.80	206.72	167.40
67	209.92	164.99	209.44	165.60	208.96	166,21	208.47	166.82	207.98	167.43	207.50	168.03
68	210.71	165.61	210.22	166.22	209.74	166.84	209.25	167.44	208.76	168.05	208.28	168.66
69	211.49	166.23	211.01	166.84	210.52	167.46	210.03	168.07	209.54	168.68	209.05	169.28
270	212.28	166.85	211.79	167.46	211.30	168.08	210,81	168.69	210.32	69.31	209.83	169.91
71	213.07	167.46	212.58	168.09	212.09	168,70	211,59	169.32	211.10	169.93	210.61	170.54
72	213.85	168.08	213.36	168.71	212.87	169.33	212,37	169.94	211.88	170.56	211.39	171.17
73	214.64	168.70	214.14	169.33	213.65	169,95	213.16	170,57	212.66	171.19	212.16	171.80
74	215.42	169.32	214.93	169,95	214.44	170.57	213.94	171,19	213.44	171.81	212.94	172.43
75	216.21	169.94	215.71	170.57	215.22	171.19	214.72	171.82	214.22	172.44	213.72	173.06
76	217.00	170.55	216.50	171.19	216.00	171.82	215.50	172.44	215.00	173.07	214.49	173.69
77	217.78	171.17	217.28	171.81	216.78	172.44	216.28	173.07	215.77	173.70	215.27	174.32
78	218.57	171.79	218.07	172.43	217.57	173.06	217.06	173.69	216.55	174.32	216.05	174.95
79	219.36	172.41	218.85	173.05	218.35	173.68	217.84	174.32	217.33	174.95	216.82	175.58
280	220.14	173.03	219.63	173.67	219.13	174.31	218.62	174.94	218.11	175,58	217.60	176.21
81	220.93	173.64	220.42	174.29	219.91	174.93	219.40	175.57	218.89	176.20	218.38	176.84
82	221.71	174.26	221.20	174.91	220.70	175.55	220.18	176.19	219.67	176.83	219.16	177.47
83	222.50	174.88	221.99	175.53	221.48	176.17	220.96	176.82	220.45	177.46	219.93	178.09
84	223.29	175.50	222.77	176.15	222.26	176.80	221.74	177.44	221.23	178.09	220.71	178.72
85	224.07	176,12	223.56	176.77	223.04	177.42	222.53	178,07	222.01	178.71	221.49	179.35
86	224.86	176.73	224.34	177.39	223.83	178.04	223.31	178.69	222.79	179.34	222.26	179.98
87	225.65	177.35	225.13	178.01	224,61	178.66	224.09	179.31	223.56	179.97	223.04	180.61
88	226.43	177.97	225,91	178.63	225.39	179.29	224.87	179.94	224.34	180.59	223.82	181.24
89	227.22	178.59	226.69	179.25	226.17	179.91	225.65	180.56	226.12	181.22	224.60	181.87
290	228.00	179.21	227.48	179.87	226.96	180.53	226.43	181.19	225.90	181.85	225.37	182.50
91	228.79	179.82	228.26	180.49	227.74	181.15	227.21	181.81	26.68	182.47	226.15	183.13
92	229.58	180.44	229.05	181.11	228.52	181.78	227.99	182.44	227.46	183.10	226.93	183.76
93	230.36	181.06	229.83	181.73	229.30	182.40	228.77	183.06	228.24	183.73	227.71	184.39
94	231.15	181.68	230.62	182.35	230.09	183.02	229.55	183.69	229.02	184.36	228.48	185.02
95	231.93	182.30	231.40	182.97	230.87	183.64	230.33	184.31	229.80	184.38	229.26	185.65
96	232.72	182.91	232.19	183.59	231.65	184.27	231.11	184.94	230.98	185.61	230.04	186.28
97	233.51	183.53	232.97	184.21	232.44	184.89	231.89	185.56	231.35	186.24	230.81	186.91
98	234.29	184.15	233.75	184.83	233.22	185.51	232.68	186.19	232.13	186.86	231.59	187.53
99	235.08	184,77	234.54	185.45	234.00	186.13	233.46	186.81	232.91	187.49	232.37	188.16
300	235.87	185.39	235.32	186.07	234.78	186.76	234.24	187.44	233.69	188. 2	233.15	188.79

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.78	0.63	0.77	0.63	0.77	0.64	0.77	0.64	0.77	0.64	0.77	0.64
2	1.55	1.26	1.55	1.27	1.54	1.27	1.54	1.28	1.54	1.28	1.33	1.29
3	2.33	1.89	2.32	1.90	2.31	1.91	2.31	1.91	2.30	1.92	2.30	1.93
4	3.10	2.53	3.09	2.54	3.09	2.54	3.08	2.55	3.07	2.56	3.06	2.57
5	3.88	2.16	3.87	3.17	3.86	3.18	3.85	3.19	3.84	3.20	3.83	3.21
6	4.65	3.79	4.64	3.80	4.63	3.82	4.62	8.83	4.61	3.84	4.60	3.86
7	5.43	4.42	5.41	4.44	5.40	4.45	5.39	4.47	5.38	4.48	5.36	4.50
8	6.20	5.05	6.19	5.07	6.17	5.09	6.16	5.11	6.14	5.12	6.13	5.14
9	6.98	5.68	6.96	5.70	6.94	5.72	6.93	5.74	6.91	5.77	6.89	5.79
10	7.75	6.32	7.73	6.34	7.72	6.36	7.70	6.38	7.68	6.41	7.66	6.43
11	8.53	6.95	8.51	6.97	8.49	7.00	8.47	7.02	8.45	7.05	8.43	7.07
12	9.30	7.58	9.28	7.61	9.26	7.63	9.24	7.66	9.21	7.69	9.19	7.71
13	10.08	8.21	10.06	8.24	10.03	8.27	10.01	8.30	9.98	8.33	9.96	8.36
14	10.85	8.84	10.83	8.87	10.80	8.91	10.78	8.94	10.75	8.97	10.72	9.00
15	11.63	9.47	11.60	9.51	11.57	9.54	11.55	9.57	11.52	9.61	11.49	9.64
16	12.40	10.11	12.38	10.14	12.35	10.18	12.32	10.21	12.29	10.25	12.26	10.28
17	13.18	10.74	13.15	10.78	13.12	10.81	13.09	10.85	13.05	10.89	13.02	10.93
18	13.96	11.37	13.92	11.41	13.89	11.45	13.86	11.49	13.82	11.53	13.79	11.57
19	14.73	12.00	14.70	12.04	14.66	12.09	14.63	12.13	14.59	12.17	14.55	12.21
20	15.51	12.63	15.47	12.68	15.43	12.72	15.40	12.77	15.36	12.81	15.32	12.86
21	16.28	13.26	16.24	13.31	16.20	13.36	16.17	13.40	16.13	13.45	16.09	13.50
22	17.06	13.89	17.02	13.94	16.98	13.99	16.93	14.04	16.89	14.09	16.85	14.14
23	17.83	14.53	17.79	14.58	17.75	14.63	17.70	14.68	17.66	14.73	17.62	14.78
24	18.61	15.16	18.56	15.21	18.52	15.27	18.47	15.32	18.43	15.37	18.38	15.43
25	19.38	16.79	19.34	15.85	19.29	15.90	19.24	15.96	19.20	16.01	19.15	16.07
26	20.16	16.42	20.11	16.48	20.06	16.54	20.01	16.60	19.97	16.65	19.92	16.71
27	20.93	17.05	20.88	17.11	20.83	17.17	20.78	17.23	20.73	17.30	20.68	17.36
28	21.71	17.68	21.66	17.75	21.61	17.81	21.55	17.87	21.50	17.94	21.45	18.00
29	22.48	18.32	22.43	18.38	22.38	18.75	22.32	18.51	22.27	18.58	22.21	18.64
30	23.26	18.95	23.20	19.01	23.15	19.08	23.09	19.15	23.04	19.22	22.98	19.28
31	24.03	19.58	23.98	19.65	23.92	19.72	23.86	19.79	23.81	19.86	23.75	19.93
32	24.81	20.21	24.75	20.28	24.69	20.35	24.63	20.43	24.57	20.50	24.51	20.57
33	25.59	20.84	25.52	20.92	25.46	20.99	25.40	21.06	25.34	21.14	25.28	21.21
34	26.36	21.47	26.30	21.55	26.24	21.63	26.17	21.70	26.11	21.78	26.05	21.85
35	27.14	22.11	27.07	22.18	27.01	22.26	26.94	22.34	26.88	22.42	26.81	22.50
36	27.91	22.74	27.84	22.82	27.78	22.90	27.71	22.98	27.64	23.06	27.58	23.14
37	28.69	23.37	28.62	23.45	28.55	23.53	28.48	23.62	28.41	23.70	28.34	23.78
38	29.46	24.00	29.39	24.09	29.32	24.17	29.25	24.26	29.18	24.34	29.11	24.43
39	30.24	24.63	30.17	24.72	30.09	24.81	30.02	24.89	29.95	24.98	29.88	25.07
40	31.01	25.26	30.94	25.35	30.86	25.44	30.79	25.53	30.72	25.62	30.64	25.71
41	31.79	25.89	31.71	25.99	31.64	26.08	31.56	26.17	31.48	26.26	31.41	26.35
42	32.56	26.53	32.49	26.62	32.41	26.72	32.33	26.81	32.25	26.90	32.17	27.00
43	33.34	27.16	33.26	27.25	33.18	27.35	33.10	27.45	33.02	27.54	32.94	27.64
44	34.11	27.79	34.03	27.89	33.95	27.99	33.87	28.09	33.79	28.18	33.71	28.28
45	34.89	28.42	34.81	28.52	34.72	28.62	34.64	28.72	34.56	28.83	34.47	28.93
46	35.66	29.05	35.58	29.16	35.49	29.26	35.41	29.36	35.32	29.47	35.24	29.57
47	36.44	29.68	36.35	29.79	36.27	29.90	36.18	30.00	36.09	30.11	36.00	30.21
48	37.21	30.32	37.13	30.42	37.04	30.53	36.95	30.64	36.86	30.75	36.77	30.85
49	37.99	30.95	37.90	31.06	37.81	31.17	37.72	31.28	37.63	31.39	37.54	31.50
50	38.77	31.58	38.67	31.69	38.58	31.80	38.49	31.92	38.40	32.03	38.30	32.14
51	39.54	32.21	39.45	32.33	39.35	32.44	39.26	32.55	39.16	32.67	39.07	32.78
52	40.32	32.84	40.22	32.96	40.12	33.08	40.03	33.19	39.93	33.31	39.83	33.43
53	41.09	33.47	40.99	33.59	40.90	33.71	40.80	33.83	40.70	33.95	40.60	34.07
54	41.87	34.11	41.77	34.23	41.67	34.35	41.57	34.47	41.47	34.59	41.37	34.71
55	42.64	34.74	42.54	34.86	42.44	34.98	42.34	35.11	42.24	35.23	42.13	35.35
56	43.42	35.37	43.31	35.49	43.21	35.62	43.11	35.75	43.00	35.87	42.90	36.00
57	44.19	36.00	44.09	35.13	43.98	36.26	43.88	36.38	43.77	36.51	43.66	36.64
58	44.97	36.63	44.86	36.76	44.75	36.89	44.65	37.02	44.54	37.15	44.43	37.28
59	45.74	37.26	45.63	37.40	45.53	37.53	45.42	37.66	45.31	37.79	45.20	37.93
60	46.52	37.89	46.41	38.03	46.30	38.16	46.19	38.30	46.07	38.43	45.96	38.57

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	47.29	38.53	47.18	38.66	47.07	38.80	46.96	38.94	46.84	39.07	46.73	39.21
62	48.07	39.16	47.96	39.30	47.84	39.44	47.73	39.58	47.61	39.71	47.49	39.85
63	48.84	39.79	48.73	39.93	48.61	40.07	48.50	40.21	48.38	40.36	48.26	40.50
64	49.62	40.42	49.50	40.57	49.38	40.71	49.27	40.85	49.15	41.00	49.03	41.14
65	50.40	41.05	50.28	41.20	50.16	41.35	50.04	41.49	49.91	41.64	49.79	41.78
66	51.17	41.68	51.05	41.83	50.93	41.98	50.80	42.13	50.68	42.28	50.56	42.43
67	51.95	42.32	51.82	42.47	51.70	42.62	51.57	42.77	51.45	42.92	51.32	43.07
68	52.72	42.95	52.60	43.10	52.47	43.25	52.34	43.41	52.22	43.56	52.09	43.71
69	53.50	42.58	53.37	43.73	53.24	43.89	53.11	44.04	52.99	44.20	52.86	44.35
70	54.27	44.21	54.14	44.37	54.01	44.53	53.88	44.68	53.75	44.84	53.62	45.00
71	55.05	44.84	54.92	45.00	54.79	45.16	54.65	45.32	54.52	45.48	54.39	45.64
72	55.82	45.47	55.69	45.64	55.56	45.80	55.42	45.96	55.29	46.12	55.15	46.28
73	56.60	46.11	55.46	46.27	56.33	46.43	56.19	46.60	56.06	46.76	55.92	46.92
74	57.37	46.74	57.24	46.90	57.10	47.07	56.96	47.24	56.83	47.40	56.69	47.57
75	58.15	47.37	58.01	47.54	57.87	47.71	57.73	47.87	57.59	48.04	57.45	48.21
76	58.92	48.00	58.78	48.17	58.64	48.34	58.50	48.51	58.36	48.68	58.22	48.85
77	59.70	48.63	59.56	48.80	59.41	48.98	59.27	49.15	59.13	49.32	58.99	49.49
78	60.47	49.26	60.33	49.44	60.19	49.61	60.04	49.79	59.90	49.96	59.75	50.14
79	61.25	49.89	61.10	50.07	60.96	50.25	60.81	50.43	60.66	50.60	60.52	50.78
80	62.02	50.53	61.88	50.71	61.73	50.89	61.58	51.07	61.43	51.24	61.28	51.42
81	62.80	51.16	62.65	51.34	62.50	51.52	62.35	51.70	62.20	51.89	62.05	52.07
82	63.58	51.79	63.42	51.97	63.27	52.16	63.12	52.34	62.97	52.53	62.82	52.71
83	64.35	52.42	64.20	52.61	64.04	52.79	63.89	52.98	63.74	53.17	63.58	53.35
84	65.13	53.05	64.97	53.24	64.82	53.43	64.66	53.62	64.50	53.81	64.35	53.99
85	65.90	53.68	65.74	53.88	65.59	54.07	65.43	54.26	65.27	54.45	65.11	54.64
86	66.68	54.32	66.52	54.51	66.36	54.70	66.20	53.90	66.04	55.09	65.88	55.28
87	67.45	54.95	67.29	55.14	67.13	55.34	66.97	55.53	66.81	55.73	66.65	55.92
88	68.23	56.58	68.07	55.78	67.90	55.98	67.74	56.17	67.58	56.37	67.41	56.57
89	69.00	56.21	68.84	56.41	68.67	56.61	68.51	56.81	68.34	57.01	68.18	57.21
90	69.78	56.84	69.61	57.04	69.45	57.25	69.28	57.45	69.11	57.65	68.94	57.85
91	70.55	57.47	70.39	57.68	70.22	57.88	70.05	58.09	69.88	58.29	69.71	58.49
92	71.33	58.11	71.16	58.31	70.99	58.52	70.82	58.73	70.65	58.93	70.48	59.14
93	72.10	58.74	71.93	58.95	71.76	59.16	71.59	59.36	71.42	59.57	71.24	59.78
94	72.88	59.37	72.71	59.58	72.53	59.79	72.36	60.00	72.18	60.21	72.01	60.42
95	73.65	60.00	73.48	60.21	73.30	60.43	73.13	60.64	72.95	60.85	72.77	61.07
96	74.43	60.63	74.25	60.85	74.08	61.06	73.90	61.28	73.72	61.49	73.54	61.71
97	75.21	61.26	75.03	61.48	74.85	61.70	74.67	61.92	74.49	62.13	74.31	62.35
98	75.98	61.89	75.80	62.12	75.62	62.34	75.44	62.56	75.26	62.77	75.07	62.99
99	76.76	62.53	76.57	62.75	76.39	62.97	76.21	63.19	76.02	63.42	75.84	63.64
100	77.53	63.16	77.35	63.38	77.16	63.61	76.98	63.83	76.79	64.06	76.60	64.28
101	78.31	63.79	78.12	64.02	77.93	64.24	77.75	64.77	77.56	64.70	77.37	64.92
02	79.08	64.42	78.89	64.65	78.71	64.88	78.52	65.11	78.33	65.34	78.14	65.56
03	79.86	65.05	79.67	65.28	79.48	65.52	79.29	65.75	79.09	65.98	78.90	66.21
04	80.63	65.68	80.44	65.92	80.25	66.15	80.06	66.39	79.86	66.62	79.67	66.85
05	81.41	66.32	81.21	66.55	81.02	66.79	80.83	67.02	80.63	67.26	80.43	67.49
06	82.18	66.95	81.99	67.19	81.79	67.42	81.60	67.66	81.40	67.90	81.20	68.14
07	82.96	67.58	82.76	67.82	82.56	68.06	82.37	68.30	82.17	68.54	81.97	68.78
08	83.73	68.21	83.53	68.45	83.33	68.70	83.14	68.94	82.93	69.18	82.73	69.42
09	84.51	68.84	84.31	69.09	84.11	69.33	83.90	69.58	83.70	69.82	83.50	70.06
110	85.28	69.47	85.08	69.72	84.88	69.97	84.67	70.22	84.47	70.46	84.26	70.71
11	86.06	70.11	85.86	70.36	85.65	70.60	85.44	70.85	85.24	71.10	85.03	71.35
12	86.83	70.74	86.63	70.99	86.42	71.24	86.21	71.49	86.01	71.74	85.80	71.99
13	87.61	71.37	87.40	71.62	87.19	71.88	86.98	72.13	86.77	72.38	86.56	72.64
14	88.39	72.00	88.18	72.26	87.96	72.51	87.75	72.77	87.54	73.02	87.33	73.28
15	89.16	72.63	88.95	72.89	88.74	73.15	88.52	73.41	88.31	73.66	88.09	73.92
16	89.94	73.26	89.72	73.52	89.51	73.79	89.29	74.05	89.08	74.30	88.86	74.56
17	90.71	73.89	90.50	74.16	90.28	74.42	90.06	74.68	89.85	74.95	89.63	75.21
18	91.49	74.53	91.27	74.79	91.05	75.06	90.83	75.32	90.61	75.59	90.39	75.85
19	92.26	75.16	92.04	75.43	91.82	75.69	91.60	75.96	91.38	76.23	91.16	76.49
120	93.04	75.79	92.82	67.06	92.59	76.33	92.37	76.60	92.15	76.87	91.92	77.13

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	93.81	76.42	93.59	76.69	93.37	76.97	93.14	77.24	92.92	77.51	92.69	77.78
22	94.59	77.05	94.36	77.33	94.14	77.60	93.91	77.88	93.69	78.15	93.46	78.42
23	95.36	77.68	95.14	77.96	94.91	78.24	94.68	78.51	94.45	78.79	94.22	79.06
24	96.14	78.32	95.91	78.59	95.68	78.87	95.45	79.15	95.22	79.43	94.99	79.71
25	96.91	78.95	96.68	79.23	96.45	79.51	96.22	79.79	95.99	80.07	95.76	80.35
26	97.69	79.58	97.46	79.86	97.22	80.15	96.99	80.43	96.76	80.71	96.52	80.99
27	98.46	80.21	98.23	80.50	98.00	80.78	97.76	81.07	97.52	81.35	97.29	81.63
28	99.24	80.84	99.00	81.13	98.77	81.42	98.53	81.70	98.29	81.99	98.05	82.28
29	100.01	81.47	99.78	81.76	99.54	82.05	99.30	82.34	99.06	82.63	98.82	82.92
130	100.79	82.11	100.55	82.40	100.31	82.69	100.07	82.98	99.83	83.27	99.59	83.56
31	101.57	82.74	101.32	83.03	101.08	83.33	100.84	83.62	100.60	83.91	100.35	84.21
32	102.34	83.37	102.10	83.67	101.85	83.96	101.61	84.26	101.36	84.55	101.12	84.85
33	103.12	84.00	102.87	84.30	102.63	84.60	102.38	84.90	102.13	85.19	101.88	85.49
34	103.89	84.63	103.64	84.93	103.40	85.23	103.15	85.53	103.90	85.84	102.65	86.13
35	104.67	85.26	104.42	85.57	104.17	85.87	103.92	86.17	103.67	86.48	103.42	86.78
36	105.44	85.89	105.19	86.20	104.94	86.51	104.69	86.81	104.44	87.12	104.18	87.42
37	106.22	86.53	105.97	86.83	105.71	87.14	105.46	87.45	105.20	87.76	104.95	88.06
38	106.99	87.16	106.74	87.47	106.48	87.78	106.23	88.09	105.97	88.40	105.71	88.71
39	107.77	87.79	107.51	88.10	107.26	88.42	107.00	88.73	106.74	89.04	106.48	89.35
140	108.54	88.42	108.29	88.74	108.03	89.05	107.77	89.36	107.51	89.68	107.25	89.99
41	109.32	89.05	109.06	89.37	108.80	89.69	108.54	90.00	108.28	90.32	108.01	90.63
42	110.09	89.68	109.83	90.00	109.57	90.32	109.31	90.64	109.04	90.96	108.78	91.28
43	110.87	90.32	110.61	90.64	110.34	90.96	110.08	91.28	109.81	91.60	109.54	91.92
44	111.64	90.95	111.38	91.27	111.11	91.60	110.85	91.92	110.58	92.24	110.31	92.56
45	112.42	91.58	112.15	91.91	111.88	92.23	111.62	92.56	111.35	92.88	111.08	93.20
46	113.20	92.21	112.93	92.54	112.66	92.87	112.39	93.19	112.11	93.52	111.84	93.85
47	113.97	92.84	113.70	93.17	113.43	93.50	113.16	93.83	112.88	94.16	112.61	94.49
48	114.75	93.47	114.47	93.81	114.20	94.14	113.93	94.47	113.65	94.80	113.37	95.13
49	115.52	94.11	115.25	94.44	114.97	94.78	114.70	95.11	114.42	95.44	114.14	95.78
150	116.30	94.74	116.02	95.07	115.74	95.41	115.47	95.75	115.19	96.08	114.91	96.42
51	117.07	95.37	116.79	95.71	116.51	96.05	116.24	96.39	115.95	96.72	115.67	97.06
52	117.85	96.00	117.57	96.34	117.29	96.68	117.01	97.02	116.72	97.37	116.44	97.70
53	118.62	96.63	118.34	96.98	118.06	97.32	117.77	97.66	117.49	98.01	117.20	98.35
54	119.40	97.26	119.11	97.61	118.83	97.96	118.54	98.30	118.26	98.65	117.97	98.99
55	120.17	97.89	119.89	98.24	119.60	98.59	119.31	98.94	119.03	99.29	118.74	99.63
56	120.95	98.53	120.66	98.88	120.37	99.23	120.08	99.58	119.79	99.93	119.50	100.28
57	121.72	99.16	121.43	99.51	121.14	99.86	120.85	100.22	120.56	100.57	120.27	100.92
58	122.50	99.79	122.21	100.15	121.92	100.50	121.62	100.85	121.33	101.21	121.03	101.56
59	123.27	100.42	122.98	100.78	122.69	101.14	122.39	101.49	122.10	101.85	121.80	102.20
160	124.05	101.05	123.76	101.41	123.46	101.77	123.16	102.13	122.87	102.49	122.57	102.85
61	124.82	101.68	124.53	102.05	124.23	102.41	123.93	102.77	123.63	103.13	123.33	103.49
62	125.60	102.32	125.30	102.68	125.00	103.04	124.70	103.41	124.40	103.77	124.10	104.13
63	126.38	102.95	126.08	103.31	125.77	103.68	125.47	104.05	125.17	104.41	124.86	104.77
64	127.15	103.58	126.85	103.95	126.55	104.32	126.24	104.68	125.94	105.05	125.63	105.42
65	127.93	104.21	127.62	104.58	127.32	104.95	127.01	105.32	126.71	105.69	126.40	106.06
66	128.70	104.84	128.40	105.22	128.09	105.59	127.78	105.96	127.47	106.33	127.16	106.70
67	129.48	105.47	129.17	105.85	128.86	106.23	128.55	106.60	128.24	106.97	127.93	107.35
68	130.25	106.11	129.94	106.48	129.63	106.86	129.32	107.24	129.01	107.61	128.69	107.99
69	131.03	106.74	130.72	107.12	130.40	107.50	130.09	107.88	129.78	108.25	129.46	108.63
170	131.80	107.37	131.49	107.75	131.18	108.13	130.86	108.51	130.54	108.90	130.23	109.27
71	132.58	108.00	132.26	108.38	131.95	108.77	131.63	109.15	131.31	109.54	130.99	109.92
72	133.35	108.63	133.04	109.02	132.72	109.41	132.40	109.79	132.08	110.18	131.76	110.56
73	134.13	109.26	133.81	109.65	133.49	110.04	133.17	110.43	132.85	110.82	132.52	111.20
74	134.90	109.89	134.58	110.29	134.26	110.68	133.94	111.07	133.62	111.46	133.29	111.85
75	135.68	110.53	135.36	110.92	135.03	111.31	134.71	111.71	134.38	112.10	134.06	112.49
76	136.45	111.16	136.13	111.55	135.81	111.95	135.48	112.34	135.15	112.74	134.82	113.13
77	137.23	111.79	136.90	112.19	136.58	112.59	136.25	112.98	135.92	118.38	135.59	113.77
78	138.01	112.42	137.68	112.82	137.35	113.22	137.02	113.62	136.69	114.02	136.36	114.42
79	138.78	113.05	138.45	113.46	138.12	113.86	137.79	114.26	137.46	114.66	137.12	115.06
180	139.56	113.68	139.22	114.09	138.89	114.49	138.56	114.90	138.22	115.30	137.89	115.70

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	140.33	114.32	140.00	114.72	139.66	115.13	139.33	115.54	138.99	115.94	138.65	116.34
82	141.11	114.95	140.77	115.36	140.43	115.77	140.10	116.17	139.76	116.58	139.42	116.99
83	141.88	115.58	141.55	115.99	141.21	116.40	140.87	116.81	130.53	117.22	140.19	117.63
84	142.66	116.21	142.32	116.62	141.98	117.04	141.64	117.45	141.30	117.86	140.95	118.27
85	143.43	116.84	143.09	117.26	142.75	117.67	142.41	118.09	142.06	118.50	141.72	118.92
86	144.21	117.47	143.87	117.89	143.52	118.31	143.18	118.73	142.83	119.14	142.48	119.56
87	144.98	118.11	144.64	118.53	144.29	118.95	143.95	119.37	143.60	119.78	143.25	120.20
88	145.76	118.74	145.41	119.16	145.06	119.58	144.72	120.00	144.37	120.43	144.02	120.84
89	146.53	119.37	146.19	119.79	145.84	120.22	145.49	120.64	145.13	121.07	144.78	121.49
190	147.31	120.00	146.96	120.43	146.61	120.86	146.26	121.28	145.90	121.71	145.55	122.13
91	148.08	120.63	147.73	121.06	147.38	121.49	147.03	121.92	146.67	122.35	146.31	122.77
92	148.86	121.26	148.51	121.70	148.15	122.13	147.80	122.56	147.44	122.99	147.08	123.42
93	149.63	121.89	149.28	122.33	148.92	122.76	148.57	123.20	148.21	123.63	147.85	124.06
94	150.41	122.53	150.05	122.96	149.69	123.40	149.34	123.83	148.97	124.27	148.61	124.70
95	151.19	123.16	150.83	123.60	150.47	124.04	150.11	124.47	149.74	124.91	149.38	125.34
96	151.96	123.79	151.60	124.23	151.24	124.67	150.87	125.11	150.51	125.55	150.14	125.99
97	152.74	124.42	152.37	124.86	152.01	125.31	151.64	125.75	151.28	126.19	150.91	126.63
98	153.51	125.05	153.15	125.50	152.78	125.94	152.41	126.39	152.05	126.83	151.68	127.27
99	154.29	125.68	153.92	126.13	153.55	126.58	153.18	127.03	152.81	127.47	152.44	127.92
200	155.06	126.32	154.69	126.77	154.32	127.22	153.95	127.66	153.58	128.11	153.21	128.56
01	155.84	126.95	155.47	127.40	155.10	127.85	154.72	128 30	154.35	128.75	153.97	129.20
02	156.61	127.58	156.24	128.03	155.87	128.49	155.49	128.94	155.12	129.39	154.74	129.84
03	157.39	128.21	157.01	128.67	156.64	129.12	156.26	129.58	155.89	130.03	155.51	130.49
04	158.16	128.84	157.79	129.30	157.41	129.76	157.03	130.22	156.65	130.67	156.27	131.13
05	158.94	129.47	158.56	129.94	158.18	130.40	157.80	130.86	157.42	131.31	157.04	131.77
06	159.71	130.11	159.33	130.57	158.95	131.03	158.57	131.49	158.19	131.96	157.80	132.41
07	160.49	130.74	160.11	131.20	159.78	131.67	159.34	132.18	158.96	132.60	158.57	133.06
08	161.26	131.37	160.88	131.84	160.50	132.30	160.11	132.77	159.73	133.24	159.34	133.70
09	162.04	132.00	161.66	132.47	161.27	132.94	160.88	133.41	160.49	133.88	160.10	134.34
210	162.82	132.63	162.43	133.10	162.04	133.58	161.65	134.05	161.26	134.52	160.87	134.99
11	163.59	133.26	163.20	133.74	162.81	134.21	162.42	134.69	162.03	135.16	161.63	135.63
12	164.37	133.89	163.98	134.37	163.58	134.85	163.19	135.32	162.80	135.80	162.40	136.27
13	165.14	134.53	164.75	135.01	164.36	135.49	163.96	135.96	163.56	136.44	163.17	136.91
14	165.92	135.16	165.52	135.64	155.13	136.12	164.73	136.60	164.33	137.08	163.93	137.56
15	166.69	135.79	166.30	136.27	165.90	136.76	165.50	137.24	165.10	137.72	164.70	138.20
16	167.47	136.42	167.07	136.91	166.67	137.39	166.27	137.88	165.87	138.36	165.46	138.84
17	168.24	137.05	167.84	137.54	167.44	138.03	167.04	138.52	166.64	139.00	166.23	139.49
18	169.02	137.68	168.62	138.17	168.21	138.67	167.81	139.15	167.40	139.64	167.00	140.13
19	169.79	138.32	169.39	138.81	168.98	139.30	168.58	139.79	168.17	140.28	167.76	140.77
220	170.57	138.95	170.16	139.44	169.76	139.94	169.35	140.43	168.94	140.92	168.53	141.41
21	171.34	139.58	170.94	140.08	170.53	140.57	170.12	141.07	169.71	141.56	169.29	142.06
22	172.12	140.21	171.71	140.71	171.30	140.21	170.89	141.71	170.48	142.20	170.06	142.70
23	172.89	140.84	172.48	141.34	172.07	141.85	171.66	142.35	171.24	142.84	170.83	143.34
24	173.67	141.47	173.26	141.98	172.84	142.48	172.43	142.98	172.01	143.49	171.59	143.98
25	174.44	142.11	174.03	142.61	173.61	143.12	173.20	143.62	172.78	144.13	172.36	144.63
26	175.22	142.74	174.80	143.25	174.39	143.75	173.97	144.26	173.55	144.77	173.13	145.27
27	176.00	143.37	175.58	143.88	175.16	144.39	174.74	144.90	174.32	145.41	173.89	145.91
28	176.77	144.00	176.35	144.51	175.93	145.03	175.51	145.54	175.08	146.05	174.66	146.56
29	177.55	144.63	177.12	145.15	176.70	145.66	176.28	146.18	175.85	146.69	175.42	147.20
230	178.32	145.26	177.90	145.78	177.47	146.30	177.05	146.81	176.62	147.33	176.19	147.84
31	179.10	145.89	178.67	146.41	178.24	146.93	177.82	147.45	177.39	147.97	176.96	148.48
32	179.87	146.53	179.45	147.05	179.02	147.57	178.59	148.09	178.16	148.61	177.72	149.13
33	180.65	147.16	180.22	147.68	179.79	148.21	179.36	148.73	178.92	149.25	178.49	149.77
34	181.42	147.79	180.99	148.32	180.56	148.84	180.13	149.37	179.69	149.89	179.25	150.41
35	182.20	148.42	181.77	148.95	181.33	149.48	180.90	150.01	180.46	150.53	180.02	151.06
36	182.97	149.05	182.54	149.58	182.10	150.11	181.67	150.64	181.23	151.17	180.79	151.70
37	183.75	149.68	183.31	150.22	182.87	150.75	182.44	151.28	181.99	151.81	181.55	152.34
38	184.52	150.32	184.09	150.85	183.65	151.39	183.21	151.92	182.76	152.45	182.32	152.98
39	185.30	150.95	184.86	151.49	184.42	152.02	183.98	152.56	183.53	153.09	183.08	153.63
240	186.07	151.58	185.63	152.12	185.19	152.66	184.74	153.20	184.30	153.73	183.85	154.27

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	186.85	152.21	186.41	152.75	185.96	153.30	185.51	153.84	185.07	154.37	184.62	154.91
42	187.63	152.84	187.18	153.32	186.73	153.93	186.28	154.47	185.83	155.02	185.38	155.56
43	188.40	153.47	187.95	154.02	187.50	154.57	187.05	155.11	186.60	155.66	186.15	156.20
44	189.18	154.11	188.73	154.65	188.28	155.20	187.82	155.75	187.37	156.30	186.91	156.84
45	189.95	154.74	189.50	155.29	189.05	155.84	188.59	156.39	188.14	156.94	187.68	157.48
46	190.73	155.37	190.27	155.92	189.82	156.48	189.36	157.03	188.91	157.58	188.45	158.13
47	191.50	156.00	191.05	156.56	190.59	157.11	190.13	157.67	189.67	158.22	189.21	158.77
48	192.28	156.63	191.82	157.19	191.36	157.75	190.90	158.30	190.44	158.86	189.98	159.41
49	193.05	157.26	192.59	157.82	192.13	158.38	191.67	158.94	191.21	159.50	190.74	160.05
250	193.83	157.90	193.37	158.46	192.91	159.02	192.44	159.58	191.98	160.14	191.51	160.70
51	194.60	158.53	194.14	159.09	193.68	159.66	193.21	160.22	192.75	160.78	192.28	161.34
52	195.38	159.16	194.91	159.73	194.45	160.29	193.98	160.86	193.51	161.42	193.04	161.98
53	196.15	159.79	195.69	160.36	195.22	160.93	194.75	161.49	194.28	162.06	193.81	162.63
54	196.93	160.42	196.46	160.99	196.99	161.56	195.52	162.13	195.05	162.70	194.57	163.27
55	197.70	161.05	197.23	161.63	196.76	162.20	196.29	162.77	195.82	163.34	195.34	163.91
56	198.48	161.68	198.01	162.26	197.53	162.84	197.06	163.41	196.58	163.98	196.11	164.55
57	199.25	162.32	198.78	162.89	198.31	163.47	197.83	164.05	197.35	164.62	196.87	165.20
58	200.03	162.95	199.56	163.53	199.08	164.11	198.60	164.69	198.12	165.26	197.64	165.84
59	200.81	163.58	200.33	164.16	199.85	164.74	199.37	165.32	198.89	165.91	198.40	166.48
260	201.58	164.21	201.10	164.80	200.62	165.38	200.14	165.96	199.66	166.55	199.17	167.13
61	202.36	164.84	201.88	165.43	201.39	176.02	200.91	166.60	200.42	167.19	199.94	167.77
62	203.13	165.47	202.65	166.06	202.16	166.65	201.68	167.24	201.19	167.83	200.70	168.41
63	203.91	166.11	203.42	166.70	202.94	167.29	202.45	167.88	201.96	168.47	201.47	169.05
64	204.68	166.74	204.20	167.33	203.71	167.93	203.22	168.52	202.78	169.11	202.23	169.70
65	205.46	167.37	204.97	167.96	204.48	168.56	203.99	169.15	203.50	169.75	203.00	170.34
66	206.23	168.00	205.74	168.60	205.25	169.20	204.76	169.79	204.26	170.39	203.77	170.98
67	207.01	168.63	206.52	169.23	206.02	169.83	205.53	170.43	205.03	171.03	204.53	171.62
68	207.78	169.26	207.29	169.87	206.79	170.47	206.30	171.07	205.80	171.67	205.30	172.27
69	208.56	169.90	207.06	170.50	207.57	171.11	207.07	171.71	206.57	172.31	206.06	172.91
270	209.33	170.53	208.84	171.13	208.34	171.74	207.84	172.35	207.34	172.95	206.83	173.55
71	210.11	171.16	209.61	171.77	209.11	172.38	208.61	172.98	208.10	173.59	207.60	174.20
72	210.88	171.79	210.38	172.40	209.88	173.01	209.38	173.62	208.87	174.23	208.36	174.84
73	211.66	172.42	211.16	173.04	210.65	173.65	210.15	174.26	209.64	174.87	209.13	175.48
74	212.43	173.05	211.93	173.67	211.42	174.29	210.92	174.90	210.41	175.51	209.89	176.12
75	213.21	173.68	212.70	174.30	212.20	174.92	211.69	175.54	211.18	176.15	210.66	176.77
76	213.99	174.32	213.48	174.94	212.97	175.56	212.46	176.18	211.94	176.79	211.43	177.41
77	214.76	174.95	214.25	175.57	213.74	176.19	213.23	176.81	212.71	177.44	212.19	178.05
78	215.54	175.58	215.02	176.20	214.51	176.83	214.00	177.45	213.48	178.08	212.96	178.70
79	216.31	176.21	215.80	176.84	215.28	177.47	214.77	178.09	214.25	178.72	213.73	179.34
280	217.09	176.84	216.57	177.47	216.05	178.10	215.54	178.73	215.01	179.36	214.49	179.98
81	217.86	177.47	217.35	178.11	216.83	178.74	216.31	179.37	215.78	180.00	215.26	180.62
82	218.64	178.11	218.12	178.74	217.60	179.37	217.08	180.01	216.55	180.64	216.02	181.27
83	219.41	178.74	218.89	179.37	218.37	180.01	217.84	180.64	217.32	181.28	216.79	181.91
84	220.19	179.37	219.67	180.01	219.14	180.65	218.61	181.28	218.09	181.92	217.56	182.55
85	220.96	180.00	220.44	180.64	219.91	181.28	219.38	181.92	218.85	182.56	218.32	183.20
86	221.74	180.63	221.21	181.28	220.68	181.92	220.15	182.56	219.62	183.20	219.09	183.84
87	222.51	181.26	221.99	181.91	221.45	182.55	220.92	183.20	220.39	183.84	219.85	184.48
88	223.29	181.90	222.76	182.54	222.23	183.19	221.69	183.84	221.16	184.48	220.62	185.12
89	224.06	182.53	223.53	183.18	223.00	183.83	222.46	184.47	221.93	185.12	221.39	185.77
290	224.84	183.16	224.31	183.81	223.77	184.46	223.23	185.11	222.69	185.76	222.15	186.41
91	225.62	183.79	225.08	184.44	224.54	185.10	224.00	185.75	223.46	186.40	222.92	187.05
92	226.39	184.42	225.85	185.08	225.31	185.74	224.77	186.39	224.23	187.04	223.68	187.69
93	227.17	185.05	226.63	185.71	226.08	186.37	225.54	187.03	225.00	187.68	224.45	188.34
94	227.94	185.68	227.40	186.35	226.86	187.01	226.31	187.67	225.77	188.32	225.22	188.98
95	228.72	186.32	228.17	186.98	227.63	187.64	227.08	188.30	226.53	188.97	225.98	189.62
96	229.49	186.95	228.95	187.61	228.40	188.28	227.85	188.94	227.30	189.61	226.75	190.27
97	230.27	187.58	229.72	188.25	229.17	188.92	228.62	189.58	228.07	190.25	227.51	190.91
98	231.04	188.21	230.49	188.88	229.94	189.55	229.39	190.22	228.84	190.89	228.28	191.56
99	231.82	188.84	231.27	189.52	230.71	190.19	230.16	190.86	229.61	191.53	229.05	192.19
300	232.59	189.47	232.04	190.15	231.49	190.82	230.93	191.50	230.37	192.17	229.81	192.84

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

D.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.76	0.65	0.76	0.65	0.76	0.65	0.76	0.65	0.76	0.65	0.75	0.66
2	1.53	1.29	1.52	1.29	1.52	1.30	1.52	1.30	1.51	1.31	1.51	1.31
3	2.29	1.94	2.29	1.94	2.28	1.95	2.28	1.95	2.27	1.96	2.26	1.97
4	3.06	2.58	3.05	2.59	3.04	2.60	3.03	2.61	3.03	2.62	3.02	2.62
5	3.82	3.23	3.81	3.24	3.80	3.25	3.79	3.26	3.78	3.27	3.77	3.28
6	4.59	3.87	4.57	3.88	4.56	3.90	4.55	3.91	4.54	3.92	4.53	3.94
7	5.35	4.52	5.34	4.53	5.32	4.55	5.31	4.56	5.30	4.58	5.28	4.59
8	6.11	5.16	6.10	5.18	6.08	5.20	6.07	5.21	6.05	5.23	6.04	5.25
9	6 88	5.81	6.86	5.83	6.84	5.85	6.83	5.86	6.81	5.88	6.79	5.90
10	7.64	6.45	7.62	6.47	7.60	6.49	7.59	6.52	7.57	6.54	7.55	6.56
11	8.41	7.10	8.39	7.12	8.36	7.14	8.34	7.17	8.32	7.19	8.30	7.22
12	9.17	7.74	9.15	7.77	9.12	7.79	9.10	7.82	9.08	7.85	9.06	7.87
13	9.93	8.39	9.91	8.41	9.89	8.44	9.86	8.47	9.84	8.50	9.81	8.53
14	10.70	9.03	10.67	9.06	10.65	9.09	10.62	9.12	10.59	9.15	10.57	9.18
15	11.46	9.68	11.43	9.71	11.41	9.74	11.38	9.77	11.35	9.81	11.32	9.84
16	12.23	10.32	12.20	10.36	12.17	10.39	12.14	10.43	12.11	10.46	12.08	10.50
17	12.99	10.97	12.96	11.00	12.93	11.04	12.89	11.08	12.86	11.12	12.83	11.15
18	13.76	11.61	13.72	11.65	13.69	11.69	13.65	11.73	13.62	11.77	13.58	11.81
19	14.52	12.26	14.48	12.30	14.45	12.34	14.41	12.38	14.38	12.42	14.34	12.47
20	15.28	12.90	15.25	12.94	15.21	12.99	15.17	13.03	15.13	13.08	15.09	13.12
21	16.05	13.55	16.01	13.59	15.97	13.64	15.93	13.68	15.89	13.73	15.85	13.78
22	16.81	14.19	16.77	14.24	16.73	14.29	16.69	14.34	16.65	14.38	16.60	14.43
23	17.58	14.84	17.53	14.89	17.49	14.94	17.45	14.99	17.40	15.04	17.36	15.09
24	18.34	15.48	18.29	15.53	18.25	15.59	18.20	15.64	18.16	15.69	18.11	15.75
25	19.10	16.13	19.06	16.18	19.01	16.24	18.96	16.29	18.92	16.35	18.87	16.40
26	19.87	16.77	19.82	16.83	19.77	16.89	19.72	16.94	19.67	17.00	19.62	17.06
27	20.63	17.42	20.58	17.48	20.53	17.54	20.48	17.59	20.43	17.65	20.38	17.71
28	21.40	18.06	21.34	18.12	21.29	18.18	21.24	18.25	21.19	18.31	21.13	18.37
29	22.16	18.71	22.11	18.77	22.05	18.83	22.00	18.90	21.94	18.96	21.89	19.03
30	22.93	19.35	22.87	19.42	22.81	19.48	22.76	19.55	22.70	19.62	22.64	19.68
31	23.69	20.00	23.63	20.06	23.57	20.13	23.51	20.20	23.45	20.27	23.40	20.34
32	24.45	20.64	24.39	20.71	24.33	20.78	24.27	20.85	24.21	20.92	24.15	20.99
33	25.22	21.29	25.16	21.36	25.09	21.43	25.03	21.50	24.97	21.58	24.91	21.65
34	25.98	21.93	25.92	22.01	25.85	22.08	25.79	22.16	25.72	22.23	25.66	22.31
35	26.75	22.58	26.68	22.65	26.61	22.73	26.55	22.81	26.48	22.89	26.41	22.96
36	27.51	23.22	27.44	23.30	27.37	23.38	27.31	23.46	27.24	23.54	27.17	23.62
37	28.27	23.87	28.20	23.95	28.14	24.03	28.06	24.11	27.99	24.19	27.92	24.27
38	29.04	24.51	28.97	24 59	28.90	24.68	28.82	24.76	28.75	24.85	28.68	24.93
39	29.80	25.16	29.73	25.24	29.66	25.33	29.58	25.41	29.51	25.50	29.43	25.59
40	30.57	25.80	30.49	25.89	30.42	25.98	30.34	26.07	30.26	26.15	30.19	26.24
41	31.33	26.45	31.25	26.54	31.18	26.63	31.10	26.72	31.02	26.81	30.94	26.90
42	32.10	27.09	32.02	27.18	31.94	27.28	31.86	27.37	31.78	27.46	31.70	27.55
43	32.86	27.74	32.78	27.83	32.70	27.93	32.62	28.02	32.53	28.12	32.45	28.21
44	33.62	28.38	33.54	28.48	33.46	28.58	33.37	28.67	33.29	28.77	33.21	28.87
45	34.39	29.03	34.30	29.13	34.22	29.23	34.13	29.32	34.05	29.42	33.96	29.52
46	35.15	29.67	35.07	29.77	34.98	29.87	34.89	29.98	34.80	30.08	34.72	30.18
47	35.92	30.32	35.83	30.42	35.74	30.52	35.65	30.63	35.56	30.73	35.47	30.83
48	36.68	30.96	36.59	31.07	36.50	31.17	36.41	31.28	36.32	31.39	36.23	31.49
49	37.44	31.61	37.35	31.71	37.26	31.82	37.17	31.93	37.07	32.04	36.98	32.15
50	38.21	32.25	38.11	32.36	38.02	32.47	37.93	32.58	37.83	32.69	37.74	32.80
51	38.97	32.90	38.88	33.01	38.78	33.12	38.68	33.23	38.59	33.35	38.49	33.46
52	39.74	33.54	39.64	33.66	39.54	33.77	39.44	33.89	39.34	34.00	39.24	34.12
53	40.50	34.19	40.40	34.30	40.30	34.42	40.20	34.54	40.10	34.65	40.00	34.77
54	41.27	34.83	41.16	34.95	41.06	35.07	40.96	35.19	40.86	35.31	40.75	35.43
55	42.03	35.48	41.93	35.60	41.82	35.72	41.72	35.84	41.61	35.96	41.51	36.08
56	42.79	36.12	42.69	36.24	42.58	36.37	42.48	36.49	42.37	36.62	42.26	36.74
57	43.56	36.77	43.45	36.89	43.34	37.02	43.24	37.14	43.13	37.27	43.02	37.40
58	44.32	37.41	44.21	37.54	44.10	37.67	43.99	37.80	43.88	37.92	43.77	38.05
59	45.09	38.06	44.97	38.19	44.86	38.32	44.75	38.45	44.64	38.58	44.53	38.71
60	45.85	38.70	45.74	38.83	45.62	38.97	45.51	39.10	45.40	39.23	45.28	39.36
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

°	10′		20′		30′		40′		50′		60′	
′	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	46.61	39.35	46.50	39.48	46.39	39.62	46.27	39.75	46.15	39.89	46.04	40.02
62	47.38	39.99	47.26	40.13	47.15	40.27	47.03	40.40	46.91	40.54	46.79	40.68
63	48.14	40.64	48.02	40.78	47.91	40.92	47.79	41.05	47.67	41.19	47.55	41.33
64	48.91	41.28	48.79	41.42	48.67	41.56	48.54	41.71	48.42	41.85	48.30	41.99
65	49.67	41.93	49.55	42.07	49.43	42.21	49.30	42.36	49.18	42.50	49.06	42.64
66	50.44	42.57	50.31	42.72	50.19	42.86	50.06	43.01	49.94	43.15	49.81	43.30
67	51.20	43.22	51.07	43.36	50.95	43.51	50.82	43.66	50.69	43.81	50.57	43.96
68	51.96	43.86	51.84	44.01	51.71	44.16	51.58	44.31	51.45	44.46	51.32	44.61
69	52.73	44.51	52.60	44.66	52.47	44.81	52.34	44.96	52.21	45.12	52.07	45.27
70	53.49	45.15	53.36	45.31	53.23	45.46	53.10	45.62	52.96	45.77	52.83	45.92
71	54.26	45.80	54.12	45.95	53.99	46.11	53.85	46.27	53.72	46.42	53.58	46.58
72	55.02	46.44	54.88	46.60	54.75	46.76	54.61	46.92	54.48	47.08	54.34	47.24
73	55.78	47.09	55.65	47.25	55.51	47.41	55.37	47.57	55.23	47.73	55.09	47.89
74	56.55	47.73	56.41	47.90	56.27	48.06	56.13	48.22	55.99	48.39	55.85	48.55
75	57.31	48.38	57.17	48.54	57.03	48.71	56.89	48.87	56.75	49.04	56.60	49.20
76	58.08	49.02	57.93	49.19	57.79	49.36	57.65	49.53	57.50	49.69	57.36	49.86
77	58.84	49.67	58.70	49.84	58.55	50.01	58.41	50.18	58.26	50.35	58.11	50.52
78	59.61	50.31	59.46	50.48	59.31	50.66	59.16	50.83	59.02	51.00	58.87	51.17
79	60.37	50.96	60.22	51.13	60.07	51.31	59.92	51.48	59.77	51.65	59.62	51.83
80	61.13	51.60	60.98	51.78	60.83	51.96	60.68	52.13	60.53	52.31	60.38	52.48
81	61.90	52.25	61.75	52.43	61.59	52.61	61.44	52.78	61.29	52.96	61.13	53.14
82	62.66	52.89	62.51	53.07	62.35	53.25	62.20	53.44	62.04	53.62	61.89	53.80
83	63.43	53.54	63.27	53.72	63.11	53.90	62.96	54.09	62.80	54.27	62.64	54.45
84	64.19	54.18	64.03	54.37	63.87	54.55	63.71	54.74	63.56	54.92	63.40	55.11
85	64.95	54.83	64.79	55.01	64.63	55.20	64.47	55.39	64.31	55.58	64.15	55.77
86	65.72	55.47	65.56	55.66	65.40	55.85	65.23	56.04	65.07	56.23	64.91	56.42
87	66.48	56.12	66.32	56.31	66.16	56.50	65.99	56.69	65.83	56.89	65.66	57.08
88	67.25	56.76	67.08	56.96	66.92	57.15	66.75	57.35	66.68	57.54	66.41	57.73
89	68.01	57.41	67.84	57.60	67.68	57.80	67.51	58.00	67.34	58.19	67.17	58.39
90	68.78	58.05	68.61	58.25	68.44	58.45	68.27	58.65	68.09	58.85	67.92	59.05
91	69.54	58.70	69.37	58.90	69.20	59.10	69.02	59.30	68.85	59.50	68.68	59.70
92	70.30	59.34	70.13	59.55	69.96	59.75	69.78	59.95	69.61	60.16	69.43	60.36
93	71.07	59.99	70.89	60.19	70.72	60.40	70.54	60.60	70.36	60.91	70.19	61.01
94	71.83	60.63	71.66	60.84	71.48	61.05	71.30	61.26	71.12	61.46	70.94	61.67
95	72.60	61.28	72.42	61.49	72.24	61.70	72.06	61.91	71.88	62.12	71.70	62.33
96	73.36	61.92	73.18	62.13	73.00	62.35	72.82	62.56	72.63	62.77	72.45	62.98
97	74.12	62.57	73.94	62.78	73.76	63.00	73.58	63.21	73.39	63.42	73.21	63.64
98	74.89	63.21	74.70	63.43	74.52	63.65	74.33	63.86	74.15	64.08	73.96	64.29
99	75.65	63.86	75.47	64.08	75.28	64.30	75.09	64.51	74.90	64.73	74.72	64.95
100	76.42	64.50	76.23	64.72	76.04	64.95	75.85	65.17	75.66	65.39	75.47	65.61
01	77.18	65.15	76.99	65.37	76.80	65.59	76.61	65.82	76.42	66.04	76.23	66.26
02	77.95	65.79	77.75	66.02	77.56	66.24	77.37	66.47	77.17	66.69	76.98	66.92
03	78.71	66.44	78.52	66.66	78.32	66.89	78.13	67.12	77.93	67.35	77.74	67.57
04	79.47	67.08	79.28	67.31	79.08	67.54	78.89	67.77	78.69	68.00	78.49	68.23
05	80.24	67.73	80.04	67.96	79.84	68.19	79.64	68.42	79.44	68.66	79.24	68.89
06	81.00	68.37	80.80	68.61	80.60	68.84	80.40	69.08	80.20	69.31	80.00	69.54
07	81.77	69.02	81.57	69.25	81.36	69.49	81.16	69.73	80.96	69.96	80.75	70.20
08	82.53	69.66	82.33	69.90	82.12	70.14	81.92	70.38	81.71	70.62	81.51	70.85
09	83.29	70.31	83.09	70.55	82.88	70.79	82.68	71.03	82.47	71.27	82.26	71.51
110	84.06	70.95	83.85	71.20	83.65	71.44	83.44	71.68	83.23	71.92	83.02	72.17
11	84.82	71.60	84.61	71.84	84.41	72.09	84.19	72.33	83.98	72.58	83.77	72.82
12	85.59	72.24	85.38	72.49	85.17	72.74	84.95	72.99	84.74	73.23	84.53	73.48
13	86.35	72.89	86.14	73.14	85.93	73.39	85.71	73.64	85.50	73.89	85.28	74.13
14	87.12	73.53	86.90	73.78	86.69	74.04	86.47	74.29	86.25	74.54	86.04	74.79
15	87.88	74.18	87.66	74.43	87.45	74.69	87.23	74.94	87.01	75.19	86.79	75.45
16	88.64	74.82	88.43	75.08	88.21	75.34	87.99	75.59	87.77	75.85	87.55	76.10
17	89.41	75.47	89.19	75.73	88.97	75.99	88.75	76.24	88.52	76.50	88.30	76.76
18	90.17	76.11	89.95	76.37	89.73	76.64	89.50	76.90	89.28	77.16	89.06	77.42
19	90.94	76.76	90.71	77.02	90.49	77.28	90.26	77.55	90.04	77.81	89.81	78.07
120	91.70	77.40	91.47	77.67	91.25	77.93	91.02	78.20	90.79	78.46	90.57	78.73

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

Deg.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	92.46	78.05	92.24	78.31	92.01	78.58	91.78	78.85	91.55	79.12	91.32	79.38
22	93.23	78.69	93.00	78.96	92.77	79.23	92.54	79.50	92.31	79.77	92.07	80.04
23	93.99	79.34	93.76	79.61	93.53	79.88	93.30	80.15	93.06	80.42	92.83	80.70
24	94.76	79.98	94.52	80.26	94.29	80.53	94.06	80.81	93.82	81.08	93.58	81.35
25	95.52	80.63	95.29	80.90	95.05	81.18	94.81	81.46	94.58	81.73	94.34	82.01
26	96.29	81.27	96.05	81.55	95.81	81.83	95.57	82.11	92.33	82.39	95.09	82.66
27	97.05	81.92	96.81	82.20	96.57	82.49	96.33	82.76	96.09	83.04	95.85	83.32
28	97.81	82.56	97.57	82.85	97.33	83.13	97.09	83.41	96.85	83.69	96.60	83.98
29	98.58	83.21	98.34	83.49	98.09	83.78	97.85	84.06	97.60	84.35	97.36	84.63
130	99.34	83.85	99.10	84.14	98.85	84.43	98.61	84.72	98.36	85.00	98.11	85.29
31	100.11	84.50	99.86	84.79	99.61	85.08	99.36	85.37	99.12	85.66	98.87	85.94
32	100.87	85.14	100.62	85.43	100.37	86.73	100.12	86.02	99.87	86.31	99.62	86.60
33	101.63	85.79	101.38	86.08	101.13	86.38	100.88	86.67	100.63	86.96	100.38	87.26
34	102.40	86.43	102.15	86.73	101.89	87.03	101.64	87.32	101.39	87.62	101.13	87.91
35	103.16	87.08	102.91	87.38	102.66	87.68	102.40	87.97	102.14	88.27	101.89	88.57
36	103.93	87.72	103.67	88.02	103.42	88.33	103.16	88.63	102.90	88.92	102.64	89.22
37	104.69	88.37	104.43	88.67	104.18	88.97	103.92	89.28	103.66	89.58	103.40	89.88
38	105.46	89.01	105.20	89.32	104.94	89.62	104.67	89.93	104.41	90.23	104.15	90.54
39	106.22	89.66	105.96	89.96	105.70	90.27	105.43	90.58	105.17	90.89	104.90	91.19
140	106.98	90.30	106.72	90.61	106.46	90.92	106.19	91.23	105.93	91.54	105.66	91.85
41	107.75	90.95	107.48	91.26	107.22	91.57	106.95	91.88	106.68	92.19	106.41	92.50
42	108.51	91.59	108.25	91.91	107.98	92.22	107.71	92.54	107.44	92.85	107.17	93.16
43	109.28	92.24	109.01	92.55	108.74	92.87	108.47	93.19	108.20	93.50	107.92	93.82
44	110.04	92.88	109.77	93.20	109.50	93.52	109.23	93.84	108.95	94.16	108.68	94.47
45	110.80	93.53	110.53	93.85	110.26	94.17	109.98	94.49	109.71	94.81	109.43	95.13
46	111.57	94.17	111.29	94.50	111.02	94.82	110.74	95.14	110.47	95.46	110.19	95.78
47	112.33	94.82	112.06	95.14	111.78	95.47	111.50	95.79	111.22	96.12	110.94	96.44
48	113.10	95.46	112.82	95.79	112.54	96.12	112.26	96.45	111.98	96.77	111.70	97.10
49	113.86	96.11	113.58	96.44	113.30	96.77	113.02	97.10	112.73	97.43	112.45	97.75
150	114.63	96.75	114.34	97.08	114.06	97.42	113.78	97.75	113.49	98.08	113.21	98.41
51	115.39	97.40	115.11	97.73	114.82	98.07	114.54	98.40	114.25	98.73	113.96	99.07
52	116.15	98.04	115.87	98.38	115.58	98.72	115.29	99.05	115.00	99.39	114.72	99.73
53	116.92	98.69	116.63	99.03	116.34	99.37	116.05	99.70	115.76	100.04	115.47	100.38
54	117.68	99.33	117.39	99.67	117.10	100.02	116.81	100.36	116.52	100.69	116.23	101.03
55	118.45	99.98	118.15	100.32	117.86	100.66	117.57	101.01	117.27	101.35	116.98	101.68
56	119.21	100.62	118.92	100.97	118.62	101.31	118.33	101.66	118.03	102.00	117.73	102.33
57	119.97	101.27	119.68	101.62	119.38	101.96	119.09	102.31	118.79	102.66	118.49	103.00
58	120.74	101.91	120.44	102.26	120.14	102.61	119.84	102.96	119.54	103.31	119.24	103.66
59	121.50	102.56	121.20	102.91	120.91	103.26	120.60	103.61	120.30	103.96	120.00	104.31
160	122.27	103.20	121.97	103.56	121.67	103.91	121.36	104.27	121.06	104.62	120.75	104.97
61	123.03	103.85	122.73	104.20	122.43	104.56	122.12	104.92	121.81	105.27	121.51	105.63
62	123.80	104.49	123.49	104.85	123.19	105.21	122.88	105.57	122.57	105.93	122.26	106.28
63	124.56	105.14	124.25	105.50	123.95	105.86	123.64	106.22	123.33	106.58	123.02	106.94
64	125.32	105.78	125.02	106.15	124.71	106.51	124.40	106.87	124.08	107.23	123.77	107.59
65	126.09	106.43	125.78	106.79	125.47	107.16	125.15	107.52	124.84	107.89	124.53	108.25
66	126.85	107.07	126.54	107.44	126.23	107.81	125.91	108.18	125.60	108.54	125.28	108.91
67	127.62	107.72	127.30	108.09	126.99	108.46	126.67	108.83	126.35	109.19	126.04	109.56
68	128.38	108.36	128.06	108.73	127.75	109.11	127.43	109.48	127.11	109.85	126.79	110.22
69	129.14	109.01	128.83	109.38	128.51	109.76	128.19	110.13	127.87	110.50	127.55	110.87
170	129.91	109.65	129.59	110.03	129.27	110.41	128.95	110.78	128.62	111.16	128.30	111.53
71	130.67	110.30	130.35	110.68	130.03	111.06	129.71	111.43	129.38	111.81	129.06	112.19
72	131.44	110.94	131.11	111.32	130.79	111.71	130.46	112.09	130.14	112.46	129.81	112.84
73	132.20	111.59	131.88	111.97	131.55	112.35	131.22	112.74	130.89	113.12	130.56	113.50
74	132.97	112.23	132.64	112.62	132.31	113.00	131.98	113.39	131.65	113.77	131.32	114.15
75	133.73	112.88	133.40	113.27	133.07	113.65	132.74	114.04	132.41	114.43	132.07	114.81
76	134.49	113.52	134.16	113.91	133.83	114.30	133.50	114.69	133.16	115.08	132.83	115.47
77	135.26	114.17	134.93	114.56	134.59	114.95	134.26	115.34	133.92	115.73	133.58	116.12
78	136.02	114.81	135.69	115.21	135.35	115.60	135.01	116.00	134.68	116.39	134.34	116.78
79	136.79	115.46	136.45	115.85	136.11	116.25	135.77	116.65	135.43	117.04	135.09	117.43
180	137.55	116.10	137.21	116.50	136.87	116.90	136.53	117.30	136.19	117.69	135.85	118.09

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	138.31	116.75	137.97	117.15	137.63	117.55	137.29	117.95	136.95	118.35	136.30	118.75
82	139.08	117.39	138.74	117.80	138.39	118.20	138.05	118.60	137.70	119.00	137.36	119.40
83	139.84	118.04	139.50	118.44	139.16	118.85	138.81	119.25	138.46	119.66	138.11	120.06
84	140.61	118.68	140.26	119.09	139.92	119.50	139.57	119.91	139.22	120.31	138.87	120.72
85	141.37	119.33	141.02	119.74	140.68	120.15	140.32	120.56	139.97	120.96	139.62	121.37
86	142.14	119.97	141.79	120.38	141.44	120.80	141.08	121.21	140.73	121.62	140.38	122.03
87	142.90	120.62	142.55	121.03	142.20	121.45	141.84	121.86	141.49	122.27	141.14	122.68
88	143.66	121.26	143.31	121.68	142.96	122.10	142.60	122.51	142.24	122.93	141.89	123.34
89	144.43	121.91	144.07	122.33	143.72	122.75	143.36	123.16	143.00	123.58	142.64	124.00
190	145.19	122.55	144.84	122.97	144.48	123.40	144.12	123.82	143.76	124.23	143.39	124.65
91	145.96	123.30	145.60	123.62	145.24	124.04	144.88	124.47	144.51	124.89	144.15	125.31
92	146.72	123.84	146.36	124.27	146.00	124.69	145.63	125.12	145.27	125.54	144.90	125.96
93	147.49	124.49	147.12	124.92	146.76	125.34	146.39	125.77	146.03	126.19	145.66	126.62
94	148.25	125.13	147.88	125.56	147.52	125.99	147.15	126.42	146.78	126.85	146.41	127.28
95	149.01	125.78	148.65	126.21	148.28	126.64	147.91	127.07	147.54	127.50	147.17	127.93
96	149.78	126.42	149.41	126.86	149.04	127.29	148.67	127.73	148.30	128.16	147.92	128.59
97	150.54	127.07	150.17	127.50	149.80	127.94	149.43	128.38	149.06	128.81	148.68	129.24
98	151.31	127.71	150.93	128.15	150.56	128.59	150.18	129.03	149.81	129.46	149.43	129.90
99	152.07	128.36	151.70	128.80	151.32	129.24	150.94	129.68	150.57	130.12	150.19	130.56
200	152.83	129.00	152.46	129.45	152.08	129.89	151.70	130.33	151.32	130.77	150.94	131.21
01	153.60	129.65	153.22	130.09	152.84	130.54	152.46	130.98	152.08	131.43	151.70	131.87
02	154.36	130.29	153.98	130.74	153.60	131.19	153.22	131.64	152.84	132.08	152.45	132.52
03	155.13	130.94	154.74	131.39	154.36	131.84	153.98	132.29	153.59	132.73	153.21	133.18
04	155.89	131.58	155.51	132.03	155.12	132.49	154.74	132.94	154.35	133.39	153.96	133.84
05	156.66	132.23	156.27	132.68	155.88	133.14	155.49	133.59	155.11	134.04	154.72	134.49
06	157.42	132.87	157.03	133.33	156.64	133.79	156.25	134.24	155.86	134.70	155.47	135.15
07	158.18	133.52	157.79	133.98	157.40	134.44	157.01	134.89	156.62	135.35	156.22	135.80
08	158.95	134.16	158.56	134.62	158.17	135.09	157.77	135.55	157.37	136.00	156.98	136.46
09	159.71	134.81	159.32	135.27	158.93	135.74	158.53	136.20	158.13	136.66	157.73	137.12
210	160.48	135.45	160.08	135.92	159.69	136.38	159.29	136.85	158.89	137.31	158.49	137.77
11	161.24	136.10	160.84	136.56	160.45	137.03	160.05	137.50	159.64	137.96	159.24	138.43
12	162.00	136.74	161.61	137.21	161.21	137.68	160.80	138.15	160.40	138.62	160.00	139.08
13	162.77	137.39	162.37	137.86	161.97	138.33	161.56	138.80	161.16	139.27	160.75	139.74
14	163.53	138.03	163.13	138.51	162.73	138.98	162.32	139.46	161.91	139.93	161.51	140.40
15	164.30	138.68	163.89	139.15	163.49	139.63	163.08	140.11	162.67	140.58	162.26	141.05
16	165.06	139.32	164.65	139.80	164.25	140.28	163.84	140.76	163.43	141.23	163.02	141.71
17	165.83	139.97	165.42	140.45	165.01	140.93	164.60	141.41	164.18	141.89	163.77	142.37
18	166.59	140.61	166.18	141.10	165.77	141.58	165.36	142.06	164.94	142.54	164.53	143.02
19	167.35	141.26	166.94	141.74	166.53	142.23	166.11	142.71	165.70	143.20	165.28	143.68
220	168.12	141.90	167.70	142.39	167.29	142.88	166.87	143.37	166.45	143.85	166.04	144.33
21	168.88	142.55	168.47	143.04	168.05	143.53	167.63	144.02	167.21	144.50	166.79	144.99
22	169.65	143.19	169.23	143.69	168.81	144.18	168.39	144.67	167.97	145.16	167.55	145.65
23	170.41	143.84	169.96	144.33	169.57	144.83	169.15	145.32	168.72	145.81	168.30	146.30
24	171.17	144.48	170.75	144.98	170.33	145.48	169.91	145.97	169.48	146.46	169.06	146.96
25	171.94	145.13	171.52	145.63	171.09	146.13	170.66	146.62	170.24	147.12	169.81	147.61
26	172.70	145.77	172.28	146.27	171.85	146.78	171.42	147.28	170.99	147.77	170.56	148.27
27	173.47	146.42	173.04	146.92	172.61	147.43	172.18	147.93	171.75	148.43	171.32	148.93
28	174.23	147.06	173.80	147.57	173.37	148.07	172.94	148.58	172.51	149.08	172.07	149.58
29	175.00	147.71	174.56	148.22	174.13	148.72	173.70	149.23	173.26	149.73	172.83	150.24
230	175.76	148.35	175.33	148.86	174.89	149.37	174.46	149.88	174.02	150.39	173.58	150.89
31	176.52	149.00	176.09	149.51	175.65	150.02	175.22	150.53	174.78	151.04	174.34	151.55
32	177.29	149.64	176.85	150.16	176.42	150.67	175.97	151.19	175.53	151.70	175.09	152.21
33	178.05	150.29	177.61	150.80	177.18	151.32	176.73	151.84	176.29	152.35	175.85	152.86
34	178.82	150.93	178.38	151.45	177.94	151.97	177.49	152.49	177.05	153.00	176.60	153.52
35	179.58	151.58	179.14	152.10	178.70	152.62	178.25	153.14	177.80	153.66	177.36	154.17
36	180.34	152.22	179.90	152.75	179.46	153.27	179.01	153.79	178.56	154.31	178.11	154.83
37	181.11	152.87	180.66	153.39	180.22	153.92	179.77	154.44	179.32	154.96	178.87	155.49
38	181.87	153.51	181.43	154.04	180.98	154.57	180.53	155.10	180.07	155.62	179.62	156.14
39	182.64	154.16	182.19	154.69	181.74	155.22	181.28	155.75	180.83	156.27	180.38	156.80
240	183.40	154.80	182.95	155.34	182.50	155.87	182.04	156.40	181.59	156.93	181.13	157.45

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Grad.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	184.17	155.45	183.71	155.98	183.26	156.52	182.80	157.05	182.34	157.58	181.89	158.11
42	184.93	156.09	184.47	156.63	184.02	157.17	183.56	157.70	183.10	158.28	182.64	158.77
43	185.69	156.74	185.24	157.28	184.78	157.82	184.32	158.35	183.86	158.89	183.39	159.42
44	186.46	157.38	186.00	157.92	185.54	158.47	185.08	159.01	184.61	159.54	184.15	160.08
45	187.22	158.03	186.76	158.57	186.30	159.12	185.83	159.66	185.37	160.20	184.90	160.73
46	187.99	158.67	187.52	159.22	187.06	159.76	186.59	160.31	186.13	160.85	185.66	161.39
47	188.75	159.32	188.29	159.87	187.82	160.41	187.35	160.96	186.88	161.50	186.41	162.05
48	189.51	159.96	189.05	160.51	188.58	161.06	188.11	161.61	187.64	162.16	187.17	162.70
49	190.28	160.61	189.81	161.16	189.34	161.71	188.87	162.26	188.40	162.81	187.92	163.36
250	191.04	161.25	190.57	161.81	190.10	162.36	189.63	162.92	189.15	163.47	188.68	164.02
51	191.81	161.89	191.33	162.45	190.86	163.01	190.39	163.57	189.91	164.12	189.43	164.67
52	192.57	162.54	192.10	163.10	191.62	163.66	191.14	164.22	190.67	164.77	190.19	165.33
53	193.34	163.18	192.86	163.75	192.38	164.31	191.90	164.87	191.42	165.43	190.94	165.98
54	194.10	163.83	193.62	164.40	193.14	164.96	192.66	165.52	192.18	166.08	191.70	166.64
55	194.86	164.47	194.38	165.04	193.90	165.61	193.42	166.17	192.94	166.73	192.45	167.30
56	195.63	165.12	195.15	165.69	194.66	166.26	194.18	166.82	193.69	167.39	193.21	167.95
57	196.39	165.76	195.91	166.34	195.43	166.91	194.94	167.48	194.45	168.04	193.96	168.61
58	197.16	166.41	196.67	166.99	196.19	167.56	195.70	168.13	195.21	168.70	194.72	169.26
59	197.92	167.05	197.43	167.63	196.95	168.21	196.45	168.78	195.96	169.35	195.47	169.92
260	198.68	167.70	198.20	168.28	197.71	168.86	197.21	169.43	196.72	170.00	196.22	170.58
61	199.45	168.34	198.96	168.93	198.47	169.51	197.97	170.08	197.48	170.66	196.98	171.23
62	200.21	168.99	199.72	169.57	199.23	170.16	198.73	170.73	198.23	171.31	197.73	171.89
63	200.98	169.63	200.48	170.22	199.99	170.81	199.49	171.39	198.99	171.97	198.49	172.54
64	201.74	170.28	201.24	170.87	200.75	171.45	200.25	172.04	199.75	172.62	199.24	173.20
65	202.51	170.92	202.01	171.52	201.51	172.10	201.01	172.69	200.50	173.27	200.00	173.86
66	203.27	171.57	202.77	172.16	202.27	172.75	201.76	173.34	201.26	173.93	200.75	174.51
67	204.03	172.21	203.53	172.81	203.03	173.40	202.52	173.99	202.01	174.58	201.51	175.17
68	204.80	172.86	204.29	173.46	203.78	174.05	203.28	174.64	202.77	175.23	202.26	175.82
69	205.56	173.50	205.06	174.10	204.55	174.70	204.04	175.30	203.53	175.89	203.02	176.48
270	206.33	174.15	205.82	174.75	205.31	175.35	204.80	175,95	204.28	176.54	203.77	177.14
71	207.09	174.79	206.58	175.40	206.07	176.00	205.56	176.60	205.04	177.20	204.53	177.79
72	207.85	175.44	207.34	176.05	206.83	176.65	206.31	177.25	205.80	177.85	205.28	178.45
73	208.62	176.08	208.11	176.69	207.59	177.30	207.07	177.90	206.55	178.50	206.04	179.10
74	209.38	176.73	208.87	177.34	208.35	177.95	207.83	178.55	207.31	179.16	206.79	179,76
75	210.15	177.37	209.63	177.99	209.11	178.60	208.59	179.21	208.07	179.81	207.55	180,42
76	210.91	178.02	210.39	178.64	209.87	179.25	209.35	179.86	208.82	180,47	208.30	181,07
77	211.68	178.66	211.15	179.28	210.63	179,90	210.11	180.51	209.58	181.12	209.05	181,73
78	212,44	179.31	211.92	179.93	211.39	180.55	210.87	181.16	210.34	181.77	209.81	182,38
79	213.20	179.95	212.68	180.58	212.15	181.20	211.62	181.81	211.09	182.43	210.56	183.04
280	213.97	180.60	213.44	181.22	212.91	181.85	212.38	182.46	211.85	183.08	211.32	183.70
81	214.73	181.24	214.20	181.87	213.68	182.50	213.14	183.12	212.61	183.73	212.07	184.36
82	215.50	181.89	214.97	182.52	214.44	183.14	213.90	183.77	213.36	184.39	212.83	185.01
83	216.26	182.53	215.73	183.17	215.20	183.79	214.66	184.42	214.12	185.04	213.58	185.66
84	217.02	183.18	216.49	183.81	215.96	184.44	215.42	185.07	214.88	185.70	214.34	186.32
85	217.79	183.82	217.25	184.46	216.72	185.09	216.18	185.72	215.63	186.35	215.09	186.98
86	218.55	184.47	218.01	185.11	217.48	185.74	216.93	186.37	216.39	187.00	215.85	187.63
87	219.32	185.11	218.78	185.76	218.24	186.39	217.69	187.03	217.15	187,66	216.60	188.29
88	220.08	185.76	219.54	186.40	219.00	187.04	218.45	187.68	217.90	188.31	217.36	188.95
89	220.85	186.40	220.30	187.05	219.76	187.69	219.21	188.33	218.66	188,97	218.11	189.60
290	221.61	187.05	221.06	187.70	220.52	188.34	219.97	188.98	219.42	189.62	218.87	190.26
91	222.37	187.69	221.83	188.34	221.28	188.99	220.73	189.63	220.17	190.27	219.62	190.91
92	223.14	188.34	222.59	188.99	222.04	189.64	221.48	190.28	220.93	190.93	220.38	191.57
93	223.90	188.98	223.35	189.64	222.80	190.29	222.24	190.94	221.69	191.58	221.13	192.23
94	224.67	189.63	224.11	190.29	223.56	190.94	223.00	191.59	222.44	192.23	221.88	192.88
95	225.43	190.27	224.88	190.93	224.32	191.59	223.76	192.24	223.20	192.89	222.64	193.54
96	226.19	190.92	225.64	191.58	225.08	192.24	224.52	192.89	223.96	193.54	223.39	194.19
97	226.96	191.56	226.40	192.23	225.84	192.89	225.28	193.54	224.71	194.20	224.15	194.85
98	227.72	192.21	227.16	192.87	226.60	193.54	226.04	194.19	225.47	194.85	224.90	195.51
99	228.49	192.85	227.92	193.52	227.36	194.19	226.79	194.85	226.23	195.50	225.66	196.16
300	229.25	193.50	228.69	194.17	228.12	194.84	227.55	195.50	226.98	196.16	226.41	196.82

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10'	D.	L. 0'

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.75	0.66	0.75	0.66	0.75	0.66	0.75	0.66	0.75	0.67	0.74	0.67
2	1.51	1.32	1.50	1.32	1.50	1.33	1.49	1.33	1.49	1.33	1.49	1.34
3	2.26	1.97	2.25	1.98	2.25	1.99	2.24	1.99	2.24	2.00	2.23	2.01
4	3.01	2.63	3.00	2.64	3.00	2.65	2.99	2.66	2.98	2.67	2.97	2.68
5	3.76	3.29	3.75	3.30	3.74	3.31	3.74	3.32	3.73	3.33	3.72	3.35
6	4.52	3.95	4.51	3.96	4.49	3.98	4.48	3.99	4.47	4.00	4.46	4.01
7	5.27	4.61	5.26	4.62	5.24	4.64	5.23	4.65	5.22	4.67	5.20	4.68
8	6.02	5.27	6.01	5.28	5.99	5.30	5.98	5.32	5.96	5.34	5.95	5.35
9	6.78	5.92	6.76	5.94	6.74	5.96	6.72	5.98	6.71	6.00	6.69	6.02
10	7.53	6.58	7.51	6.60	7.49	6.63	7.47	6.65	7.45	6.67	7.43	6.69
11	8.28	7.24	8.26	7.26	8.24	7.29	8.22	7.31	8.20	7.34	8.17	7.36
12	9.03	7.90	9.01	7.93	8.99	7.95	8.96	7.98	8.94	8.00	8.92	8.03
13	9.79	8.56	9.76	8.59	9.74	8.61	9.71	8.64	9.69	8.67	9.66	8.70
14	10.54	9.22	10.51	9.25	10.49	9.28	10.46	9.31	10.43	9.34	10.40	9.37
15	11.29	9.87	11.26	9.91	11.23	9.94	11.21	9.97	11.18	10.00	11.15	10.04
16	12.04	10.53	12.01	10.57	11.98	10.60	11.95	10.64	11.92	10.67	11.89	10.71
17	12.80	11.19	12.76	11.23	12.73	11.26	12.70	11.30	12.67	11.34	12.63	11.38
18	13.55	11.85	13.52	11.89	13.48	11.93	13.45	11.97	13.41	12.01	13.38	12.04
19	14.30	12.51	14.27	12.55	14.23	12.59	14.19	12.63	14.16	12.67	14.12	12.71
20	15.06	13.17	15.02	13.21	14.98	13.25	14.94	13.30	14.90	13.34	14.86	13.38
21	15.81	13.82	15.77	13.87	15.73	13.92	15.69	13.96	15.65	14.01	15.61	14.05
22	16.56	14.48	16.52	14.53	16.48	14.58	16.43	14.63	16.39	14.67	16.35	14.72
23	17.31	15.14	17.27	15.19	17.23	15.24	17.18	15.29	17.14	15.34	17.09	15.39
24	18.07	15.80	18.02	15.85	17.98	15.90	17.93	15.96	17.88	16.01	17.84	16.06
25	18.82	16.46	18.77	16.51	18.72	16.57	18.68	16.62	18.63	16.67	18.58	16.73
26	19.57	17.11	19.52	17.17	19.47	17.23	19.42	17.28	19.37	17.34	19.32	17.40
27	20.33	17.77	20.27	17.83	20.22	17.89	20.17	17.95	20.12	18.01	20.06	18.07
28	21.08	18.43	21.02	18.49	20.97	18.55	20.92	18.61	20.86	18.68	20.81	18.74
29	21.83	19.09	21.78	19.15	21.72	19.22	21.66	19.28	21.61	19.34	21.55	19.40
30	22.58	19.75	22.53	19.81	22.47	19.88	22.41	19.94	22.35	20.01	22.29	20.07
31	23.34	20.41	23.28	20.47	23.22	20.54	23.16	20.61	23.10	20.68	23.04	20.74
32	24.09	21.06	24.03	21.13	23.97	21.20	23.90	21.27	23.84	21.34	23.78	21.41
33	24.84	21.72	24.78	21.79	24.72	21.87	24.65	21.94	24.59	22.01	24.52	22.08
34	25.60	22.38	25.53	22.45	25.46	22.53	25.40	22.60	25.33	22.68	25.27	22.75
35	26.35	23.04	26.28	23.12	26.21	23.19	26.15	23.27	26.08	23.34	26.01	23.42
36	27.10	23.70	27.03	23.78	26.96	23.85	26.89	23.93	26.82	24.01	26.75	24.09
37	27.85	24.36	27.78	24.44	27.71	24.52	27.64	24.60	27.57	24.68	27.50	24.76
38	28.61	25.01	28.53	25.10	28.46	25.18	28.39	25.26	28.31	25.34	28.24	25.43
39	29.36	25.67	29.28	25.76	29.21	25.84	29.13	25.93	29.06	26.01	28.98	26.10
40	30.11	26.33	30.04	26.42	29.96	26.50	29.88	26.59	29.80	26.68	29.73	26.77
41	30.86	26.99	30.79	27.08	30.71	27.17	30.63	27.26	30.55	27.35	30.47	27.43
42	31.62	27.65	31.54	27.74	31.46	27.83	31.38	27.92	31.29	28.01	31.21	28.10
43	32.37	28.30	32.29	28.40	32.21	28.49	32.12	28.59	32.04	28.68	31.96	28.77
44	33.12	28.96	33.04	29.06	32.95	29.15	32.87	29.25	32.78	29.35	32.70	29.44
45	33.88	29.62	33.79	29.72	33.70	29.81	33.62	29.92	33.53	30.01	33.44	30.11
46	34.63	30.28	34.54	30.38	34.45	30.48	34.36	30.58	34.27	30.68	34.18	30.78
47	35.38	30.94	35.29	31.04	35.20	31.14	35.11	31.25	35.02	31.35	34.93	31.45
48	36.13	31.60	36.04	31.70	35.95	31.80	35.86	31.91	35.76	32.01	35.67	32.12
49	36.89	32.25	36.79	32.36	36.70	32.46	36.60	32.58	36.51	32.68	36.41	32.79
50	37.64	32.91	37.54	33.02	37.45	33.13	37.35	33.24	37.25	33.35	37.16	33.46
51	38.39	33.57	38.29	33.68	38,20	33,79	38.10	33.90	38.00	34.02	37.90	34.13
52	39.15	34.23	39.05	34.34	38,95	34,45	38.85	34.57	38.74	34.68	38.64	34.79
53	39.90	34.89	39.80	35,00	39,69	35.11	39,59	35.23	39.49	35.35	39.39	35.46
54	40.65	35.55	40.55	35,66	40,44	35,78	40.34	35,90	40.23	36.02	40.13	36.13
55	41.40	36.20	41.30	36.32	41,19	36,44	41,09	36,56	40.98	36.68	40.87	36.80
56	42.16	36.86	42,05	36.98	41.94	37,10	41.83	37.23	41.73	37.35	41.62	37.47
57	42.91	37.52	42,80	37.65	42,69	37,76	42.58	37.89	42.47	38.02	42.36	38.14
58	43.66	38.18	43,55	38.31	43.44	38.43	43.33	38.56	43.22	38.68	43.10	38.81
59	44.42	38.84	44,30	38.97	44,19	39.09	44.07	39.22	43.96	39.35	43.85	39.48
60	45.17	39.50	45.05	39.63	44.94	39,76	44.82	39.89	44.71	40.02	44.59	40.16
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10'		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	45.92	40.15	45.80	40.29	45.69	40.42	45.57	40.55	45.45	40.69	45.33	40.82
62	46.67	40.81	46.55	40.95	46.44	41.08	46.32	41.22	46.20	41.35	46.07	41.49
63	47.43	41.47	47.31	41.61	47.18	41.75	47.06	41.88	46.94	42.02	46.82	42.16
64	48.18	42.13	48.06	42.27	47.93	42.41	47.81	42.55	47.69	42.69	47.56	42.82
65	48.93	42.79	48.81	42.93	48.68	43.07	48.56	43.21	48.43	43.35	48.30	43.49
66	49.68	43.44	49.56	43.59	49.43	43.73	49.30	43.88	49.18	44.02	49.05	44.16
67	50.44	44.10	50.31	44.25	50.18	44.40	50.05	44.54	49.92	44.69	49.79	44.83
68	51.19	44.76	51.06	44.91	50.93	45.06	50.80	45.21	50.67	45.35	50.53	45.50
69	51.94	45.42	51.81	45.57	51.68	45.72	51.55	45.87	51.41	46.02	51.28	46.17
70	52.70	46.08	52.56	46.23	52.43	46.38	52.29	46.54	52.16	46.69	52.02	46.84
71	53.45	46.74	53.31	46.89	53.18	47.05	53.04	47.20	52.90	47.35	52.76	47.51
72	54.20	47.39	54.06	47 55	53 93	47.71	53.79	47.87	53.65	48.02	53.51	48.18
73	54.95	48.05	54.81	48.21	54.67	48.37	54.53	48.53	54.39	48.69	54.25	48.85
74	55.71	48.71	55.57	48.87	55.42	49.03	55.28	49.20	55.14	49.36	54.99	49.52
75	56.46	49.37	56.32	49.53	56.17	49.70	56.03	49.86	55.88	50.02	55.74	50.18
76	57.21	50.03	57.07	50.19	56.92	50.36	56.77	50.52	56.63	50.69	56.48	50.85
77	57.97	50.69	57.82	50.85	57.67	51.02	57.52	51.19	57.37	51.36	57.22	51.52
78	58.72	51.34	58.57	51.51	58.42	51.68	58.27	51.85	58.12	52.02	57.96	52.19
79	59.47	52.00	59.32	52.17	59.17	52.35	59.02	52.52	58.86	52.69	58.71	52.86
80	60.22	52.66	60.07	52.84	59.92	53.01	59.76	53.18	59.61	53.36	59.45	53.53
81	60.98	53.32	60.82	53.50	60.67	53.67	60.51	53.85	60.35	54.02	60.19	54.20
82	61.73	53.98	61.57	54.16	61.41	54.33	61.26	54.51	61.10	54.69	60.94	54.87
83	62.48	54.63	62.32	54.82	62.16	55.00	62.00	55.18	61.84	55.36	61.68	55.54
84	63.24	55.29	63.07	55.48	62.91	55.66	62.75	55.84	62.59	56.03	62.42	56.21
85	63.99	55.95	63.82	56.14	63.66	56.32	63.50	56.51	63.33	56.69	63.17	56.88
86	64.74	56.61	64.58	56.80	64.41	56.99	64.24	57.17	64.08	57.36	63.91	57.55
87	65.49	57.27	65.33	57.46	65.16	57.65	64.99	57.84	64.82	58.03	64.65	58.21
88	66.25	57.93	66.08	58.12	65.91	58.31	65.74	58.50	65.57	58.69	65.40	58.88
89	67.00	58.58	66.83	58.78	66.66	58.97	66.49	59.17	66.31	59.36	66.14	59.55
90	67.75	59.24	67.58	59.44	67.41	59.64	67.23	59.83	67.06	60.03	66.88	60.22
91	68.50	59.90	68.33	60.10	68.16	60.30	67.98	60.50	67.80	60.69	67.63	60.89
92	69.26	60.56	69.08	60.76	68.90	60.96	68.73	61.16	68.55	61.36	68.37	61.56
93	70.01	61.22	69.83	61.42	69.65	61.62	69.47	61.83	69.29	62.03	69.11	62.23
94	70.76	61.88	70.58	62.08	70.40	62.29	70.22	62.49	70.04	62.70	69.86	62.90
95	71.52	62.53	71.33	62.74	71.15	62.95	70.97	63.16	70.78	63.36	70.60	63.57
96	72.27	63.19	72.08	63.40	71.90	63.61	71.71	63.82	71.53	64.03	71.34	64.24
97	73.02	63.85	72.84	64.06	72.65	64.27	72.46	64.48	72.27	64.70	72.08	64.91
98	73.77	64.51	73.59	64.72	73.40	64.94	73.21	65.15	73.02	65.36	72.83	65.57
99	74.53	65.17	74.34	65.38	74.15	65.60	73.96	65.82	73.76	66.03	73.57	66.24
100	75.28	65.83	75.09	66.04	74.90	66.26	74.70	66.48	74.51	66.70	74.31	66.91
01	76.03	66.48	75.84	66.70	75.64	66.92	75.45	67.14	75.25	67.36	75.06	67.58
02	76.79	67.14	76.59	67.36	76.39	67.59	76.20	67.81	76.00	68.03	75.80	68.25
03	77.54	67.80	77.34	68.03	77.14	68.25	76.94	68.47	76.74	68.70	76.54	68.92
04	78.29	68.46	78.09	68.69	77.89	68.91	77.69	69.14	77.49	69.36	77.29	69.59
05	79.04	69.12	78.84	69.35	78.64	69.58	78.44	69.80	78.23	70.03	78.03	70.26
06	79.80	69.77	79.59	70.01	79.39	70.24	79.19	70.47	78.98	70.70	78.77	70.93
07	80.55	70.43	80.34	70.67	80.14	70.90	79.93	71.13	79.72	71.37	79.52	71.60
08	81.30	71.09	81.10	71.33	80.89	71.56	80.68	71.80	80.47	72.03	80.26	72.27
09	81.06	71.75	81.85	71.99	81.64	72.23	81.43	72.46	81.21	72.70	81.00	72.94
110	82.81	72.41	82.60	72.65	82.39	72.89	82.17	73.13	81.96	73.37	81.75	73.60
11	83.56	73.07	83.35	73.31	83.13	73.55	82.92	73.79	82.70	74.03	82.49	74.27
12	84.31	73.72	84.10	73.97	83.88	74.21	83.67	74.46	83.45	74.70	83.23	74.94
13	85.07	74.38	84.85	74.63	84.63	74.88	84.41	75.12	84.20	75.37	83.97	75.61
14	85.82	75.04	85.60	75.29	85.38	75.54	85.16	75.79	84.94	76.03	84.72	76.28
15	86.57	75.70	86.35	75.95	86.13	76.20	85.91	76.45	85.69	76.70	85.46	76.95
16	87.32	76.36	87.10	76.61	86.88	76.86	86.66	77.12	86.43	77.37	86.20	77.62
17	88.08	77.02	87.85	77.27	87.63	77.53	87.40	77.78	87.18	78.04	86.95	78.29
18	88.83	77.67	88.60	77.93	88.38	78.19	88.15	78.45	87.92	78.70	87.69	78.96
19	89.58	78.33	89.35	78.59	89.13	78.85	88.90	79.11	88.67	79.37	88.43	79.63
120	90.34	78.99	90.11	79.25	89.88	79.51	89.64	79.78	89.41	80.04	89.18	80.30
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	91.09	79.65	90.86	79.91	90.62	80.18	90.39	80.44	90.16	80.70	89.92	80.96
22	91.84	80.31	91.61	80.57	91.37	80.84	91.14	81.11	90.90	81.37	90.66	81.63
23	92.59	80.96	92.36	81.23	92.12	81.50	91.88	81.77	91.65	82.04	91.41	82.30
24	93.35	81.62	93.11	81.89	92.87	82.16	92.63	82.44	92.39	82.70	92.15	82.97
25	94.10	82.28	93.86	82.56	93.62	82.83	93.38	83.10	93.14	83.37	92.89	83.64
26	94.85	82.94	94.61	83.22	94.37	83.49	94.13	83.76	93.88	84.04	93.64	84.31
27	95.61	83.60	95.36	83.88	95.12	84.15	94.87	84.43	94.63	84.71	94.38	84.98
28	96.36	84.26	96.11	84.54	95.87	84.82	95.62	85.09	95.37	85.37	95.12	85.65
29	97.11	84.91	96.86	85.20	96.62	85.48	96.37	85.76	96.12	86.04	95.87	86.32
130	97.86	85.57	97.61	85.86	97.36	86.14	97.11	86.42	96.86	86.71	96.61	86.99
31	98.62	86.23	98.37	86.52	98.11	86.80	97.86	87.09	97.61	87.37	97.35	87.66
32	99.37	86.89	99.12	87.18	93.86	87.47	98.61	87.75	98.35	88.04	98.09	88.33
33	100.12	87.55	99.87	87.84	99.61	88.13	99.35	88.42	99.10	88.71	98.84	88.99
34	100.88	88.21	100.62	88.50	100.36	88.79	100.10	89.08	99.84	89.37	99.58	89.66
35	101.63	88.86	101.37	89.16	101.11	89.45	100.85	89.75	100.59	90.04	100.32	90.33
36	102.38	89.52	102.12	89.82	101.86	90.12	101.60	90.41	101.33	90.71	101.07	91.00
37	103.13	90.18	102.87	90.48	102.61	90.78	102.34	91.08	102.08	91.37	101.81	91.67
38	103.89	90.84	103.62	91.14	103.36	91.44	103.09	91.74	102.82	92.04	102.55	92.34
39	104.64	91.50	104.37	91.80	104.11	92.10	104.84	92.41	103.57	92.71	103.30	93.01
140	105.39	92.16	105.12	92.46	104.85	92.77	104.58	93.07	104.31	93.38	104.04	93.68
41	106.14	92.81	105.87	93.12	105.60	93.43	105.33	93.74	105.06	94.04	104.78	94.35
42	106.90	93.47	106.62	93.78	106.35	94.09	106.08	94.40	105.80	94.71	105.53	95.02
43	107.65	94.13	107.38	94.44	107.10	94.75	106.83	95.07	106.55	95.38	106.27	95.69
44	108.40	94.79	108.13	95.10	107.85	95.42	107.57	95.73	107.29	96.04	107.01	96.35
45	109.16	95.45	108.88	95.76	108.60	96.08	108.32	96.40	108.04	96.71	107.76	97.02
46	109.91	96.10	109.63	96.42	109.35	96.74	109.07	97.06	108.78	97.38	108.50	97.69
47	110.66	96.76	110.38	97.08	110.10	97.41	109.81	97.73	109.53	98.04	109.24	98.36
48	111.41	97.42	111.13	97.75	110.85	98.07	110.56	98.39	110.27	98.71	109.98	99.03
49	112 17	98.08	111.88	98.41	111.60	98.73	111.31	99.06	111.02	99.38	110.73	99.70
150	112.92	98.74	112.63	99.07	112.34	99.39	112.05	99.72	111.76	100.05	111.47	100.37
51	113.67	99.40	113.38	99.73	113.09	100.06	112.80	100.38	112.51	100.71	112.21	101.04
52	114.43	100.05	114.13	100.39	113.84	100.72	113.55	101.05	113.25	101.38	112.96	101.71
53	115.18	100.71	114.88	101.05	114.59	101.38	114.30	101.71	114.00	102.05	113.70	102.38
54	115.93	101.37	115.64	101.71	115.34	102.04	115.04	102.38	114.74	102.71	114.44	103.05
55	116.68	102.03	116.39	102.37	116.09	102.71	115.79	103.04	115.49	103.38	115.19	103.72
56	117.44	102.69	117.14	103.03	116.84	103.37	116.54	103.71	116.23	104.05	115.96	104.38
57	118.19	103.35	117.89	103.69	117.59	104.03	117.28	104.37	116.98	104.71	116.67	105.05
58	118.94	104.00	118.64	104.35	118.34	104.69	118.03	105.04	117.72	105.38	117.42	105.72
59	119.70	104.66	119.39	105.01	119.08	105.36	118.78	105.70	118.47	106.05	118.16	106.39
160	120.45	105.32	120.14	105.67	119.83	106.02	119.52	106.37	119.21	106.72	118.90	107.06
61	121.20	105.98	120.89	106.33	120.58	106.68	120.27	107.03	119.96	107.38	119.65	107.73
62	121.95	106.64	121.64	106.99	121.33	107.34	121.07	107.70	120.70	108.05	120.39	108.40
63	122.71	107.29	122.39	107.65	122.08	108.01	121.72	108.36	121.45	108.72	121.13	109.07
64	123.46	107.95	123.14	108.31	122.83	108.67	122.51	109.03	122.19	109.38	121.87	109.74
65	124.21	108.61	123.90	108.97	123.58	109.33	123.26	109.69	122.94	110.05	122.62	110.41
66	124.96	109.27	124.65	109.63	124.33	109.99	124.01	110.36	123.68	110.72	123.36	111.08
67	125.72	109.93	125.40	110.29	125.08	110.66	124.75	111.02	124.43	111.38	124.10	111.74
68	126.47	110.59	126.15	110.95	125.83	111.32	125.50	111.69	125.18	112.05	124.85	112.41
69	127.22	111.24	126.90	111.61	126.57	111.98	126.25	112.35	125.92	112.72	125.59	113.08
170	127.98	111.90	127.65	112.27	127.32	112.65	127.00	113.02	126.67	113.38	126.33	113.75
71	128.73	112.56	128.40	112.94	128.07	113.31	127.74	113.68	127.41	114.05	127.08	114.42
72	129.48	113.22	129.15	113.60	128.82	113.97	128.49	114.35	128.16	114.72	127.82	115.09
73	130.23	113.88	129.90	114.26	129.57	114.63	129.24	115.01	128.90	115.39	128.56	115.76
74	130.99	114.54	130.65	114.92	130.32	115.30	129.98	115.68	129.65	116.05	129.31	116.43
75	131.74	115.19	131.40	115.58	131.07	115.96	130.73	116.34	130.39	116.72	130.05	117.10
76	132.49	115.85	132.15	116.24	131.82	116.62	131.48	117.00	131.14	117.39	130.79	117.77
77	133.25	116.51	132.91	116.90	132.57	117.28	132.22	117.67	131.88	118.05	131.54	118.44
78	134.00	117.17	133.66	117.56	133.31	117.95	132.97	118.33	132.63	118.72	132.28	119.11
79	134.75	117.89	134.41	118.22	134.06	118.61	133.72	119.00	133.37	119.39	133.02	119.77
180	135.50	118.49	135.16	118.88	134.81	119.27	134.47	119.66	134.12	120.05	133.77	120.44
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dá.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	136.26	119.14	135.91	119.54	135.56	119.93	135.21	120.33	134.86	120.72	134.51	121.11
82	137.01	119.80	136.66	120.20	136.31	120.60	135.96	120.99	135.61	121.39	135.25	121.78
83	137.76	120.46	137.41	120.86	137.06	121.26	136.71	121.66	136.35	122.06	135.99	122.45
84	138.52	121.12	138.16	121.52	137.81	121.92	137.45	122.32	137.10	122.72	136.74	123.12
85	139.27	121.78	138.91	122.18	138.56	122.58	138.20	122.99	137.84	123.39	137.48	123.79
86	140.02	122.43	139.66	122.84	139.31	123.25	138.95	123.65	138.59	124.06	138.22	124.46
87	140.77	123.09	140.41	123.50	140.06	123.91	139.69	124.32	139.33	124.72	138.97	125.13
88	141.53	123.75	141.17	124.16	140.80	124.57	140.44	124.98	140.08	125.39	139.71	125.80
89	142.28	124.41	141.92	124.82	141.55	125.24	141.19	125.65	140.82	126.06	140.45	126.47
190	143.03	125.07	142.67	125.48	142.30	125.90	141.94	126.31	141.57	126.72	141.20	127.13
91	143.78	125.73	143.42	126.14	143.05	126.56	142.68	126.98	142.31	127.39	141.94	127.80
92	144.54	126.38	144.17	126.80	143.80	127.22	143.43	127.64	143.06	128.06	142.68	128.47
93	145.29	127.04	144.92	126.46	144.55	127.89	144.18	128.31	143.80	128.73	143.43	129.14
94	146.04	127.70	145.67	128.13	145.30	128.55	144.92	128.97	144.55	129.39	144.17	129.81
95	146.80	128.36	146.42	128.79	146.05	129.21	145.67	129.64	145.29	130.06	144.91	130.48
96	147.55	129.02	147.17	129.45	146.80	129.87	146.42	130.30	146.04	130.73	145.66	131.15
97	148.30	129.68	147.92	130.11	147.55	130.54	147.16	130.97	146.78	131.39	146.40	131.82
98	149.05	130.33	148.67	130.77	148.29	131.20	147.91	131.63	147.53	132.06	147.14	132.49
99	149.81	130.99	149.43	131.43	149.04	131.86	148.66	132.30	148.27	132.73	147.88	133.16
200	150.56	131.65	150.18	132.09	149.79	132.52	149.41	132.96	149.02	133.39	148.63	133.83
01	151.31	132.31	150.93	132.75	150.54	133.19	150.15	133.62	149.76	134.06	149.37	134.50
02	152.07	132.97	151.68	133.41	151.29	133.85	150.90	134.29	150.51	134.73	150.11	135.16
03	152.82	133.62	152.43	134.07	152.04	134.51	151.65	134.95	151.25	135.39	150.86	135.83
04	153.57	134.28	153.18	134.73	152.79	135.17	152.39	135.62	152.00	136.06	151.60	136.50
05	154.32	134.94	153.93	135.39	153.54	135.84	153.14	136.28	152.74	136.73	152.34	137.17
06	155.08	135.60	154.68	136.05	154.29	136.50	153.89	136.95	153.49	137.40	153.09	137.84
07	155.83	136.26	155.43	136.71	155.03	137.16	154.64	137.61	154.23	138.06	153.83	138.51
08	156.58	136.92	156.18	137.37	155.78	137.82	155.38	138.28	154.98	138.73	154.57	139.18
09	157.34	137.57	156.93	138.03	156.53	138.49	156.13	138.94	155.72	139.40	155.32	139.85
210	158.09	138.23	157.68	138.69	157.28	139.15	156.88	139.61	156.47	140.06	156.06	140.52
11	158.84	138.89	158.44	139.35	158.03	139.81	157.62	140.27	157.21	140.73	156.80	141.19
12	159.59	139.55	159.19	140.01	158.78	140.48	158.37	140.94	157.96	141.40	157.55	141.86
13	160.35	140.21	159.94	140.67	159.53	141.14	159.12	141.60	158.70	142.06	158.29	142.52
14	161.10	140.87	160.69	141.33	160.28	141.80	159.86	142.27	159.45	142.73	159.03	143.19
15	161.85	141.52	161.44	141.99	161.03	142.46	160.61	142.93	160.19	143.40	159.78	143.86
16	162.60	142.18	162.19	142.66	161.78	143.13	161.36	143.60	160.94	144.07	160.52	144.53
17	163.36	142.84	162.94	143.32	162.52	143.79	162.11	144.26	161.68	144.73	161.26	145.20
18	164.11	143.50	163.69	143.98	163.27	144.45	162.85	144.93	162.43	145.40	162.00	145.87
19	164.86	144.16	164.44	144.64	164.02	145.11	163.60	145.59	163.17	146.07	162.73	146.54
220	165.62	144.82	165.19	145.30	164.77	145.78	164.35	146.26	163.92	146.73	163.49	147.21
21	166.37	145.47	165.94	145.96	165.52	146.44	165.09	146.92	164.66	147.40	164.23	147.88
22	167.12	146.13	166.70	146.62	166.27	147.10	165.84	147.59	165.41	148.07	164.98	148.55
23	167.87	146.79	167.45	147.28	167.02	147.76	166.59	148.25	166.16	148.73	165.72	149.22
24	168.63	147.45	168.20	147.94	167.77	148.43	167.33	148.92	166.90	149.40	166.46	149.89
25	169.38	148.11	168.95	148.60	168.52	149.09	168.08	149.58	167.65	150.07	167.21	150.55
26	170.13	148.76	169.70	149.26	169.26	149.75	168.83	150.24	168.39	150.74	167.95	151.22
27	170.89	149.42	170.45	149.92	170.01	150.41	169.58	150.91	169.14	151.40	168.69	151.89
28	171.64	150.08	171.20	150.58	170.76	151.08	170.32	151.57	169.88	152.07	169.44	152.56
29	172.39	150.74	171.95	151.24	171.51	151.74	171.07	152.24	170.63	152.74	170.18	153.23
230	173.14	151.40	172.70	151.90	172.26	152.40	171.82	152.90	171.37	153.40	170.92	153.90
31	173.90	152.06	173.45	152.56	173.01	153.07	172.56	153.57	172.12	154.07	171.67	154.57
32	174.65	152.71	174.20	153.22	173.76	153.73	173.31	154.23	172.86	154.74	172.41	155.24
33	175.40	153.37	174.96	153.88	174.51	154.39	174.06	154.90	173.61	155.40	173.15	155.91
34	176.16	154.03	175.71	154.54	175.26	155.05	174.81	155.56	174.35	156.07	173.89	156.58
35	176.91	154.69	176.46	155.20	176.01	155.72	175.55	156.23	175.10	156.74	174.64	157.25
36	177.66	155.35	177.21	155.86	176.75	156.38	176.30	156.89	175.84	157.40	175.38	157.91
37	178.41	156.01	177.96	156.52	177.50	157.04	177.05	157.56	176.59	158.07	176.12	158.58
38	179.17	156.66	178.71	157.18	178.25	157.70	177.79	158.22	177.33	158.74	176.87	159.25
39	179.92	157.32	179.46	157.85	179.00	158.37	178.54	158.89	178.08	159.41	177.61	159.92
240	180.67	157.98	180.21	158.51	179.75	159.03	179.29	159.55	178.82	160.07	178.35	160.59

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

0	10'		20'		30'		40'		50'		60'	
°	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	181.42	158.64	180.96	159.17	180.50	159.69	180.03	160.22	179.57	160.74	179.10	161.26
42	182.18	159.30	181.71	159.83	181.25	160.35	180.78	160.88	180.31	161.41	179.84	161.93
43	182.93	159.95	182.46	160.49	182.00	161.02	181.53	161.55	181.06	162.07	180.58	162.60
44	183.68	160.61	183.21	161.15	182.75	161.68	182.28	162.21	181.80	162.74	181.33	163.27
45	184.44	161.27	183.97	161.81	183.50	162.34	183.02	162.88	182.55	163.41	182.07	163.94
46	185.19	161.93	184.72	162.47	184.24	163.00	183.77	163.54	183.29	164.07	182.81	164.61
47	185.94	162.59	185.47	163.13	184.99	164.67	184.52	164.21	184.04	164.74	183.56	165.28
48	186.69	163.25	186.22	163.79	185.74	164.38	185.26	164.87	184.78	165.41	184.30	165.94
49	187.45	163.90	186.97	164.45	186.49	164.99	186.01	165.54	185.53	166.08	185.04	166.61
250	188.20	164.56	187.72	165.11	187.24	165.66	186.76	166.20	186.27	166.74	185.79	167.28
51	188.95	165.22	188.47	165.77	187.99	166.32	187.50	166.86	187.02	167.41	186.53	167.95
52	189.71	165.88	189.22	166.43	188.74	166.98	188.25	167.53	187.76	168.08	187.27	168.62
53	190.46	166.54	189.97	167.09	189.49	167.64	189.00	168.19	188.51	168.74	188.01	169.29
54	191.21	167.20	190.72	167.75	190.24	168.31	189.75	168.86	189.25	169.41	188.76	169.96
55	191.96	167.85	191.47	168.41	190.98	168.97	190.49	169.52	190.00	170.08	189.50	170.63
56	192.72	168.51	192.23	169.07	191.73	169.63	191.24	170.19	190.74	170.74	190.24	171.30
57	193.47	169.17	192.98	169.73	192.48	170.29	191.99	170.85	191.49	171.41	190.99	171.97
58	194.22	169.83	193.73	170.39	193.23	170.96	192.73	171.52	192.23	172.08	191.73	172.64
59	194.98	170.49	194.48	171.05	193.98	171.62	193.48	172.18	192.98	172.75	192.47	173.30
260	195.73	171.15	195.23	171.71	194.73	172.28	194.23	172.85	193.72	173.41	193.22	173.97
61	196.48	171.80	195.98	172.37	195.48	172.94	194.97	173.51	194.47	174.08	193.96	174.64
62	197.23	172.46	196.73	173.04	196.23	173.61	195.72	174.18	195.21	174.75	194.70	175.31
63	197.99	173.12	197.48	173.70	196.98	174.27	196.47	174.84	195.96	175.41	195.45	175.98
64	198.74	173.78	198.23	174.36	197.73	174.93	197.22	175.51	196.70	176.08	196.19	176.65
65	199.49	174.44	198.98	175.02	198.47	175.59	197.96	176.17	197.45	176.75	196.93	177.32
66	200.24	175.09	199.73	175.68	199.22	176.26	198.71	176.84	198.19	177.41	197.68	177.99
67	201.00	175.75	200.48	176.34	199.97	176.92	199.46	177.50	198.94	178.08	198.42	178.66
68	201.75	176.41	201.24	177.00	200.72	177.58	200.20	178.17	199.68	178.75	199.16	179.33
69	202.50	177.07	201.99	177.66	201.47	178.24	200.95	178.83	200.43	179.41	199.90	180.00
270	203.26	177.73	202.74	178.32	202.22	178.91	201.70	179.50	201.17	180.08	200.65	180.67
71	204.01	178.39	203.49	178.98	202.97	179.57	202.45	180.16	201.92	180.75	201.39	181.33
72	204.76	179.04	204.24	179.64	203.72	180.23	203.19	180.83	202.66	181.42	202.13	182.00
73	205.51	179.70	204.99	180.30	204.47	180.90	203.94	181.49	203.41	182.08	202.88	182.67
74	206.27	180.36	205.74	180.96	205.22	181.56	204.69	182.16	204.15	182.75	203.62	183.34
75	207.02	181.02	206.49	181.62	205.96	182.22	205.43	182.82	204.90	183.42	204.36	184.01
76	207.77	181.68	207.24	182.28	206.71	182.88	206.18	183.48	205.64	184.08	205.11	184.68
77	208.53	182.34	207.99	182.94	207.46	183.55	206.93	184.15	206.39	184.75	205.85	185.35
78	209.28	182.99	208.74	183.60	208.21	184.21	207.67	184.81	207.14	185.42	206.59	186.02
79	210.03	183.65	209.50	184.26	208.96	184.87	208.42	185.48	207.88	186.08	207.34	186.69
280	210.78	184.31	210.25	184.92	209.71	185.53	209.17	186.14	208.63	186.75	208.08	187.36
81	211.54	184.97	211.00	185.58	210.46	186.20	209.92	186.81	209.37	187.42	208.82	188.03
82	212.29	185.63	211.75	186.24	211.21	186.86	210.66	187.47	210.12	188.09	209.57	188.69
83	213.04	186.28	212.50	186.90	211.96	187.52	211.41	188.14	210.86	188.45	210.31	189.36
84	213.80	186.94	213.25	187.56	212.70	188.18	212.16	188.80	211.61	189.42	211.05	190.03
85	214.55	187.60	214.00	188.23	213.45	188.85	212.90	189.47	212.35	190.09	211.79	190.70
86	215.30	188.26	214.75	188.89	214.20	189.51	213.65	190.13	213.10	190.75	212.54	191.37
87	216.05	188.92	215.50	189.55	214.95	190.17	214.40	190.80	213.84	191.42	213.28	192.04
88	216.81	189.58	216.25	190.21	215.70	190.83	215.14	191.46	214.59	192.09	214.02	192.71
89	217.56	190.23	217.00	190.87	216.45	191.50	215.89	192.13	215.33	192.75	214.77	193.38
290	218.31	190.89	217.76	191.53	217.20	192.16	216.64	192.79	216.08	193.42	215.51	194.05
91	219.06	191.55	218.51	192.19	217.95	192.82	217.39	193.46	216.82	194.09	216.25	194.72
92	219.82	192.21	219.26	192.85	218.70	193.49	218.13	194.12	217.57	194.76	217.00	195.39
93	220.57	192.87	220.01	193.51	219.45	194.15	218.88	194.79	218.31	195.42	217.74	196.06
94	221.32	193.53	220.76	194.17	220.19	194.81	219.63	195.45	219.06	196.09	218.48	196.72
95	222.08	194.18	221.51	194.83	220.94	195.47	220.37	196.12	219.80	196.76	219.23	197.39
96	222.83	194.84	222.26	195.49	221.69	196.14	221.12	196.78	220.55	197.42	219.97	198.06
97	223.58	195.50	223.01	196.15	222.44	196.80	221.86	197.45	221.29	198.09	220.71	198.73
98	224.33	196.16	223.76	196.81	223.19	197.46	222.61	198.11	222.04	198.76	221.46	199.40
99	225.09	196.82	224.51	197.47	223.94	198.12	223.36	198.78	222.78	199.42	222.20	200.07
300	225.84	197.48	225.26	198.13	224.69	198.79	224.11	199.44	223.53	200.09	222.94	200.74

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.74	0.67	0.74	0.67	0.74	0.68	0.74	0.30	0.73	0.68	0.73	0.68
2	1.48	1.34	1.48	1.35	1.47	1.35	1.47	1.68	1.47	1.36	1.46	1.36
3	2.22	2.01	2.22	2.02	2.21	2.03	2.21	2.36	2.20	2.04	2.19	2.05
4	2.96	2.69	2.96	2.69	2.95	2.70	2.94	2.71	2.93	2.72	2.93	2.73
5	3.71	3.36	3.70	3.37	3.69	3.38	3.68	3.39	3.67	3.40	3.66	3.41
6	4.45	4.03	4.44	4.04	4.42	4.05	4.41	4.07	4.40	4.08	4.39	4.09
7	5.19	4.70	5.17	4.71	5.16	4.73	5.15	4.74	5.13	4.76	5.12	4.77
8	5.93	5.37	5.91	5.39	5.90	5.40	5.88	5.42	5.87	5.44	5.85	5.46
9	6.67	6.04	6.65	6.06	6.64	6.08	6.62	6.10	6.60	6.12	6.58	6.14
10	7.41	6.71	7.39	6.73	7.37	6.76	7.35	6.78	7.33	6.80	7.31	6.82
11	8.15	7.38	8.13	7.41	8.11	7.43	8.09	7.46	8.07	7.48	8.04	7.50
12	8.89	8.06	8.87	8.08	8.85	8.11	8.82	8.13	8.80	8.16	8.78	8.18
13	9.64	8.73	9.61	8.75	9.58	8.78	9.56	8.81	9.53	8.84	9.51	8.87
14	10.38	9.40	10.35	9.43	10.32	9.46	10.29	9.49	10.27	9.52	10.24	9.55
15	11.12	10.07	11.09	10.10	11.06	10.13	11.03	10.17	11.00	10.20	10.97	10.23
16	11.86	10.74	11.83	11.78	11.80	10.81	11.76	10.84	11.73	10.88	11.70	10.91
17	12.60	11.41	12.57	11.45	12.53	11.49	12.50	11.52	12.47	11.56	12.43	11.59
18	13.34	12.08	13.31	12.12	13.27	12.16	13.24	12.20	13.20	12.24	13.16	12.28
19	14.08	12.75	14.05	12.80	14.01	12.84	13.97	12.88	13.93	12.92	13.90	12.96
20	14.82	13.43	14.78	13.47	14.75	13.51	14.71	13.55	14.67	13.60	14.63	13.64
21	15.57	14.10	15.52	14.14	15.48	14.19	15.44	14.23	15.40	14.28	15.36	14.32
22	16.31	14.77	16.26	14.82	16.22	14.86	16.18	14.91	16.13	14.96	16.09	15.00
23	17.05	15.44	17.00	15.49	16.96	15.54	16.91	15.59	16.87	15.64	16.82	15.69
24	17.79	16.11	17.74	16.16	17.69	16.21	17.65	16.27	17.60	16.32	17.55	16.37
25	18.53	16.78	18.48	16.84	18.43	16.89	18.38	16.94	18.33	17.00	18.28	17.05
26	19.27	17.45	19.22	17.51	19.17	17.57	19.12	17.62	19.07	17.68	19.02	17.73
27	20.01	18.12	19.96	18.18	19.91	18.24	19.85	18.30	19.80	18.36	19.75	18.41
28	20.75	18.80	20.70	18.86	20.64	18.92	20.59	18.98	20.53	19.04	20.48	19.10
29	21.49	19.47	21.44	19.53	21.38	19.59	21.32	19.65	21.27	19.72	21.21	19.78
30	22.24	20.14	22.18	20.20	22.12	20.27	22.06	20.33	22.00	20.40	21.94	20.46
31	22.98	20.81	22.92	20.88	22.86	20.94	22.79	21.01	22.73	21.08	22.67	21.14
32	23.72	21.48	23.66	21.55	23.59	21.62	23.53	21.69	23.47	21.76	23.40	21.82
33	24.46	22.15	24.39	22.22	24.33	22.29	24.27	22.37	24.20	22.44	24.13	22.51
34	25.20	22.82	25.13	22.90	25.07	22.97	25.00	23.04	24.93	23.12	24.87	23.19
35	25.94	23.50	25.87	23.57	25.80	23.65	25.74	23.72	25.67	23.80	25.60	23.87
36	26.68	24.17	26.61	24.24	26.54	24.32	23.47	24.40	26.40	24.48	26.33	24.55
37	27.42	24.84	27.35	24.92	27.28	25.00	27.21	25.08	27.13	25.16	27.06	25.23
38	28.17	25.51	28.09	25.59	28.02	25.67	27.94	25.75	27.87	25.84	27.79	25.92
39	28.91	26.18	28.83	26.26	28.75	26.35	28.68	26.43	28.60	26.51	28.52	26.60
40	29.65	26.85	29.57	26.94	29.49	27.02	29.41	27.11	29.33	27.19	29.25	27.28
41	30.39	27.52	30.31	27.61	30.23	27.70	30.15	27.79	30.07	27.87	29.99	27.96
42	31.13	28.19	31.05	28.28	30.97	28.37	30.88	28.46	30.80	28.55	30.72	28.64
43	31.87	28.87	31.79	28.96	31.70	29.05	31.62	29.14	31.53	29.23	31.45	29.33
44	32.61	29.54	32.53	29.63	32.44	29.73	32.35	29.82	32.27	29.91	32.18	30.01
45	33.35	30.21	33.27	30.30	33.18	30.40	33.09	30.50	33.00	30.59	32.91	30.69
46	34.10	30.88	34.01	30.98	33.91	31.08	33.82	31.18	33.73	31.27	33.64	31.37
47	34.84	31.55	34.74	31.65	34.65	31.75	34.56	31.85	34.47	31.95	34.37	32.05
48	35.58	32.22	35.48	32.33	35.39	32.43	35.29	32.53	35.20	32.63	35.10	32.74
49	36.32	32.89	36.22	33.00	36.13	33.10	36.03	33.21	35.93	33.31	35.84	33.42
50	37.06	33.56	36.96	33.67	36.86	33.78	36.77	33.89	36.67	33.99	36.57	34.10
51	37.80	34.24	37.70	34.35	37.60	34.46	37.50	34.56	37.40	34.67	37.30	34.78
52	38.54	34.91	38.44	35.02	38.34	35.13	38.24	35.24	38.13	35.35	38.03	35.46
53	39.28	35.58	39.18	35.69	39.08	35.81	38.97	35.92	38.87	36.03	38.76	36.15
54	40.02	36.25	39.92	36.37	39.81	36.48	39.71	36.60	39.60	36.71	39.49	36.83
55	40.77	36.92	40.66	37.04	40.55	37.16	40.44	37.28	40.33	37.39	40.22	37.51
56	41.51	37.59	41.40	37.71	41.29	37.83	41.18	37.95	41.07	38.07	40.96	38.19
57	42.25	38.26	42.14	38.39	42.02	38.51	41.91	38.63	41.80	38.75	41.69	38.87
58	42.99	38.93	42.88	39.06	42.76	39.18	42.65	39.31	42.53	39.43	42.42	39.56
59	43.73	39.61	43.62	39.73	43.50	39.86	43.38	39.99	43.27	40.11	43.15	40.24
60	44.47	40.28	44.35	40.41	44.24	40.54	44.12	40.66	44.00	40.79	43.88	40.92

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	45.21	40.95	45.09	41.08	44.97	41.21	44.85	41.34	44.73	41.47	44.61	41.60
62	45.95	41.62	45.83	41.75	45.71	41.89	45.59	42.02	45.47	42.15	45.34	42.28
63	46.70	42.29	46.57	42.43	46.45	42.56	46.32	42.70	46.20	42.83	46.08	42.97
64	47.44	42.96	47.31	43.10	47.19	43.24	47.06	43.37	46.93	43.51	46.81	43.65
65	48.18	43.63	48.05	43.77	47.92	43.91	47.80	44.05	47.67	44.19	47.54	44.33
66	48.92	44.31	48.79	44.45	48.66	44.59	48.53	44.73	48.40	44.87	48.27	45.01
67	49.66	44.98	49.53	45.12	49.40	45.26	49.27	45.41	49.13	45.55	49.00	45.69
68	50.40	45.65	50.27	45.79	50.14	45.94	50.00	46.09	49.87	46.23	49.73	46.38
69	51.14	46.32	51.01	46.47	50.87	46.62	50.74	46.76	50.60	46.91	50.46	47.06
70	51.88	46.99	51.75	47.14	51.61	47.29	51.47	47.44	51.33	47.59	51.19	47.74
71	52.63	47.66	52.49	47.81	52.35	47.97	52.21	48.12	52.07	48.27	51.93	48.42
72	53.37	48.33	53.23	48.49	53.08	48.64	52.94	48.80	52.80	48.95	52.66	49.10
73	54.11	49.00	53.96	49.16	53.82	49.32	53.68	49.47	53.53	49.63	53.39	49.79
74	54.85	49.68	54.70	49.83	54.56	49.99	54.31	50.15	54.27	50.31	54.12	50.47
75	55.59	50.35	55.44	50.51	55.30	50.67	55.05	50.83	55.00	50.99	54.85	51.15
76	56.33	51.02	56.18	51.18	56.03	51.34	55.78	51.51	55.73	51.67	55.58	51.83
77	57.07	51.69	56.92	51.85	56.77	52.02	56.52	52.19	56.47	52.35	56.31	52.51
78	57.81	52.36	57.66	52.53	57.51	52.70	57.25	52.86	57.20	53.03	57.05	53.20
79	58.55	53.03	58.40	53.20	58.25	53.37	57.99	53.54	57.93	53.71	57.78	53.88
80	59.30	53.70	59.14	53.88	58.98	54.05	58.82	54.22	58.67	54.39	58.51	54.56
81	60.04	54.37	59.88	54.55	59.72	54.72	59.56	54.90	59.40	55.07	59.24	55.24
82	60.78	55.05	60.62	55.22	60.46	55.40	60.30	55.57	60.13	55.75	59.97	55.92
83	61.52	55.72	61.36	55.90	61.19	56.07	61.03	56.25	60.87	56.43	60.70	56.61
84	62.26	56.39	62.10	56.57	61.93	56.75	61.77	56.93	61.60	57.11	61.43	57.29
85	63.00	57.06	62.84	57.24	62.67	57.43	62.50	57.61	62.33	57.79	62.16	57.97
86	63.74	57.73	63.57	57.92	63.41	58.10	63.24	58.28	63.07	58.47	62.90	58.65
87	64.48	58.40	64.31	58.59	64.14	58.78	63.97	58.96	63.80	59.15	63.63	59.33
88	65.23	59.07	65.05	59.26	64.88	59.45	64.71	59.64	64.53	59.83	64.36	60.02
89	65.97	59.74	65.79	59.94	65.62	60.13	65.44	60.32	65.27	60.51	65.09	60.70
90	66.71	60.42	66.53	60.61	66.36	60.80	66.18	61.00	66.00	61.19	65.82	61.38
91	67.45	61.09	67.27	61.28	67.09	61.48	66.91	61.67	66.73	61.87	66.55	62.06
92	68.19	61.76	68.01	61.96	67.83	62.15	67.65	62.35	67.47	62.55	67.28	62.74
93	68.93	62.43	68.75	62.63	68.57	62.83	68.38	63.03	68.20	63.23	68.02	63.43
94	69.67	63.10	69.49	63.30	69.30	63.51	69.12	63.71	68.93	63.91	68.75	64.11
95	70.41	63.77	70.23	63.98	70.04	64.18	69.85	64.38	69.67	64.59	69.48	64.79
96	71.16	64.44	70.97	64.65	70.78	64.86	70.59	65.06	70.40	65.27	70.21	65.47
97	71.90	65.12	71.71	65.32	71.52	65.53	71.33	65.74	71.13	65.95	70.94	66.15
98	72.64	65.79	72.45	66.00	72.25	66.21	72.06	66.42	71.87	66.63	71.67	66.84
99	73.38	66.46	73.18	66.67	72.99	66.88	72.80	67.10	72.60	67.31	72.40	67.52
100	74.12	67.13	73.92	67.34	73.73	67.56	73.53	67.77	73.33	67.99	73.14	68.20
01	74.86	67.80	74.66	68.02	74.47	68.23	74.27	68.45	74.07	68.67	73.87	68.88
02	75.60	68.47	75.40	68.69	75.20	68.91	75.00	69.13	74.80	69.35	74.60	69.56
03	76.34	69.14	76.14	69.36	75.94	69.59	75.74	69.81	75.53	70.03	75.33	70.25
04	77.08	69.81	76.88	70.04	76.68	70.26	76.47	70.48	76.27	70.71	76.06	70.93
05	77.83	70.49	77.62	70.71	77.41	70.94	77.21	71.16	77.00	71.39	76.79	71.61
06	78.57	71.16	78.36	71.38	78.15	71.61	77.94	71.84	77.73	72.07	77.52	72.29
07	79.31	71.83	79.10	72.06	78.89	72.29	78.68	72.52	78.47	72.75	78.25	72.97
08	80.05	72.50	79.84	72.73	79.63	72.96	79.41	73.19	79.20	73.43	78.99	73.66
09	80.79	73.17	80.58	73.40	80.36	73.64	80.15	73.87	79.93	74.11	79.72	74.34
110	81.53	73.84	81.32	74.08	81.10	74.31	80.88	74.55	80.67	74.79	80.45	75.02
11	82.27	74.51	82.06	74.75	81.84	74.99	81.62	75.23	81.40	75.47	81.18	75.70
12	83.01	75.18	82.79	75.43	82.58	75.67	82.35	75.91	82.13	76.15	81.91	79.38
13	83.76	75.86	83.53	76.10	83.31	76.34	83.09	76.58	82.87	76.83	82.64	77.07
14	84.50	76.53	84.27	76.77	84.05	77.02	83.83	77.26	83.60	77.51	83.37	77.75
15	85.24	77.20	85.01	77.45	84.79	77.69	84.56	77.94	84.33	78.19	84.11	78.43
16	85.98	77.87	85.75	78.12	85.52	78.37	85.30	78.62	85.07	78.86	84.84	79.11
17	86.72	78.54	86.49	78.79	86.26	79.04	86.03	79.29	85.80	79.54	85.57	79.79
18	87.46	79.21	87.23	79.47	87.00	79.72	86.77	79.97	86.53	80.22	86.30	80.48
19	88.20	79.88	87.97	80.14	87.74	80.40	87.50	80.65	87.27	80.90	87.03	81.16
120	88.94	80.55	88.71	80.81	88.47	81.07	88.24	81.33	88.00	81.58	87.76	81.84

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	89.69	81.23	89.45	81.49	89.21	81.75	88.97	82.01	88.73	82.26	88.49	82.52
22	90.43	81.90	90.19	82.16	89.95	82.42	89.71	82.68	89.47	82.94	89.22	83.20
23	91.17	82.57	90.93	82.83	90.69	83.10	90.44	83.36	90.20	83.62	89.96	83.89
24	91.91	83.24	91,67	83.51	91.42	83,77	91.18	84.04	90.93	84.30	90.69	84.57
25	92.65	83.91	92.41	84.18	92.16	84.45	91.91	84.72	91.67	84.98	91.42	85.25
26	93.39	84.58	93.14	84.85	92.90	85.12	92.65	85.39	92.40	85.66	92.15	85.93
27	94.13	85.25	93.88	85.53	93.63	85.80	93.38	86.07	93.13	86.34	92.88	86.61
28	94.87	85.93	94.62	86.20	94.37	86.48	94.12	86.75	93.87	87.02	93.61	87.30
29	95.61	86.60	95.36	86.87	95.11	87.15	94.85	87.43	94.60	87.70	94.34	87.98
130	96.36	87.27	96.10	87.55	95.85	87.83	95.59	88.10	95.33	88.38	95.08	88.66
31	97.10	87.94	96.84	88.22	96.58	88.50	96.33	88.78	96.07	89.06	95.81	89.34
32	97,84	88.61	97.58	88.89	97.32	89.18	97.06	89.46	96.80	89.74	96.54	90.02
33	98.58	89.28	98.32	89.57	98.06	89.85	97.80	90.14	97.53	90.42	97.27	90.71
34	99.32	89.95	99.06	90.24	98.80	90.53	98.53	90.82	98.27	91.10	98.00	91.39
35	100.06	90.63	99.80	90.91	99.53	91.20	99.27	91.49	99.00	91.78	98.73	92.07
36	100.80	91.30	100.54	91.59	100.27	91.88	100.00	92.17	99.73	92.46	99.46	92.75
37	101.54	91.97	101,28	92.26	101.01	92.56	100.74	92.85	100.47	93.14	100.19	93.43
38	102.29	92.64	102.02	92.93	101.74	93.23	101.47	93.53	101.20	93.82	100.93	94.12
39	103.03	93.31	103.75	93.61	102.48	93.91	102.21	94.20	101.93	94.50	101.66	94.80
140	103.77	93.98	103.49	94.28	103.22	94.58	102.94	94.88	102.67	95.18	102.39	95.48
41	104.51	94.65	104.23	94.96	103.96	95.26	103.68	95.56	103.40	95.86	103.12	96.16
42	105.25	95.32	104.97	95.63	104.69	95.95	104.41	96.24	104.13	96.54	103.85	96.84
43	105.99	95.99	105.71	96.30	105.43	96.61	105.15	96.92	104.87	97.22	104.58	97.53
44	106.73	96.67	106.45	96.98	106.17	97.28	105.88	97.59	105.60	97.90	105.31	98.21
45	107.47	97.34	107.19	97.65	106.91	97.96	106.62	98.27	106.33	98.58	106.05	98.89
46	108.22	98.01	107.93	98.32	107,64	98.64	107.36	98.95	107.07	99.26	106.78	99.57
47	108.96	98.68	108.67	99.00	108.38	99.31	108.09	99.63	107.80	99.94	107.51	100.25
48	109.70	99.35	109.41	99.67	109.12	99.99	108.83	100.30	108.53	100.62	108.24	100.94
49	110.44	100.02	110.15	100.34	109.85	100.66	109.56	100.98	109.27	101.30	108.97	101.62
150	111.18	100.69	110.89	101.02	110,59	101.34	110.30	101.66	110.00	101.98	109.70	102.30
51	111.92	101.36	111.63	101.69	111.33	102.01	111.03	102.34	110.73	102.66	110.43	102.98
52	112.66	102.04	112.36	102.36	112.07	102.69	111.77	103.01	111.47	103.34	111.17	103.66
53	113.40	102.71	113.10	103.04	112.80	103.37	112.50	103.69	112.20	104.02	111.90	103.35
54	114.14	103.38	113.84	103.71	113.54	104.04	113.24	104.37	112.93	104.70	112.63	105.03
55	114.89	104.05	114.58	104.38	114.28	104.72	113.97	105.05	113.67	105.38	113.36	105.71
56	115.63	104.72	115.32	105.06	115.02	105.39	114.71	105.73	114.40	106.06	114.09	106.39
57	116.37	105.39	116.06	105.73	115,75	106.07	115.44	106.40	115.13	106.74	114.82	107.07
58	117.11	106.06	116.80	106.40	116.49	106.74	116.18	107.08	115.87	107.42	115.55	107.76
59	117.85	106.74	117.54	107.08	117·23	107.42	116.91	107.76	116.60	108.10	116.28	108.44
160	118.59	107.41	118.28	107.75	117.96	108.09	117.65	108.44	117,33	108.78	117.02	109.12
61	119.33	108.08	119.02	108.42	118.70	108.77	118.38	109.11	118.07	109.46	117.75	109.80
62	120.07	108.75	119.76	109.10	119.44	109.45	119.12	109.79	118.80	110.14	118.48	110.48
63	120.82	109.42	120.50	109.77	120.18	110.12	119.86	110.47	119.53	110.82	119.21	111.17
64	121.56	110.09	121.24	110.44	120.91	110.80	120.59	111.15	120.27	111.50	119.94	111.85
65	122.30	110.76	121.97	111.12	121.65	111.47	121.33	111.83	121.00	112.18	120.67	112.53
66	123.04	111.43	122.71	111.79	122.39	112.15	122.06	112.50	121.73	112.86	121.40	113.21
67	123.78	112.11	123.45	112.46	123.13	112.82	122.80	113.18	122.47	113.54	122.14	113.89
68	124.52	112.78	124.19	113.14	123.86	113.50	123.53	113.86	123.20	114.22	122.87	114.58
69	125.26	113.45	124.93	113.81	124.60	114.17	124.27	114.54	123.93	114.90	123.60	115.26
170	126.00	114.12	125.67	114.48	125.34	114.85	125.00	115.21	124.67	115.58	124,33	115.94
71	126.75	114.79	126.41	115.16	126.07	115.53	125.74	115.89	125.40	116.26	125.06	116.62
72	127.49	115.46	127.15	115.83	126.81	116.20	126.47	116.57	126.13	116.94	125.79	117.30
73	128.23	116.13	127.89	116.51	127.55	116.88	127.21	117.25	126.87	117.62	126.52	117.99
74	128.97	116.80	128.63	117.18	128.29	117.55	127.94	117.93	127.60	118.30	127.25	118.67
75	129.71	117.48	129.37	117.85	129.02	118.23	128.68	118.60	128.33	118.98	127.99	119.35
76	130.45	118.15	130.11	118.53	129.76	118.90	129.41	119.28	129.07	119.66	128.72	120.03
77	131.19	118.82	130.85	119.20	130.50	119.58	130.15	119.96	129.80	120.34	129.45	120.71
78	131.93	119.49	131.58	119.87	131.24	120.26	130.89	120.64	130.58	121.02	130.18	121.40
79	132.67	120.16	132.32	120.55	131.97	120.93	131.62	121.31	131.27	121.70	130.91	122.08
180	133.42	120.83	133.06	121.22	132.71	121.61	132.36	121.99	132.00	122.38	131.64	122.76

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Diff.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	134.16	121.50	133.80	121.89	133.45	122.28	133.09	122.67	132.73	123.06	132.37	123.44
82	134.90	122.17	134.54	122.57	134.18	122.96	133.83	123.35	133.47	123.74	133.11	124.12
83	135.64	122.85	135.28	123.24	134.92	123.63	134.56	124.02	134.20	124.42	133.84	124.81
84	136.38	123.52	136.02	123.91	135.66	124.31	135.30	124.70	134.93	125.10	134.57	125.49
85	137.12	124.19	136.76	124.59	136.40	124.98	136.03	125.38	135.67	125.78	135.30	126.17
86	137.86	124.86	137.50	125.26	137.13	125.66	136.77	126.06	136.40	126.46	136.03	126.85
87	138.60	125.53	138.24	125.93	137.87	126.34	137.50	126.74	137.13	127.14	136.76	127.53
88	139.35	126.20	138.98	126.61	138.61	127.01	138.24	127.41	137.87	127.82	137.49	128.22
89	140.09	126.87	139.72	127.28	139.35	127.69	138.97	128.09	138.60	128.50	138.23	128.90
190	140.83	127.55	140.46	127.95	140.08	128.36	139,71	128,77	139.33	129.18	138.96	129.58
91	141.57	128,22	141.19	128.63	140.82	129.04	140.44	129.45	140.07	129.86	139.69	130.26
92	142.31	128.89	141,93	129,30	141.56	129.71	141.18	130.12	140.80	130.54	140.42	130.94
93	143,05	129,56	142.67	129.97	142.30	130.39	141.91	130.80	141.53	131.21	141.15	131.63
94	143,79	130.23	143,41	130.65	143.03	131.06	142.65	131.48	142.27	131.89	141.88	132.31
95	144.53	130.90	144.15	131.32	143.77	131.74	143.39	132,16	143.00	132.57	142.61	132.99
96	145.28	131.57	144.89	131.99	144.51	132.42	144.12	132.84	143.73	133.25	143.34	133.67
97	146.02	132.24	145.63	32.67	145.24	133.09	144.86	133.51	144.47	133.93	144.08	134.35
98	146.76	132.92	146.37	133.34	145.98	133,77	145,59	134,19	145,20	134,61	144,81	135.04
99	147.50	133.59	147.11	134.01	146.72	134,44	146.33	134.87	145.93	135.29	145.54	135.72
200	148.24	134.26	147.85	134,69	147,46	135,12	147,06	135,55	146,67	135,97	146.27	136.40
01	148.98	134.93	148.59	135.36	148.19	135.79	147.80	136,22	147.40	136.65	147.00	137.08
02	149.72	135.60	149.33	136.03	148.93	136.47	148,53	136,90	148.13	137.33	147.73	137.76
03	150,46	136.27	150.07	136.71	149.67	137.14	149.27	137,58	148.87	138.01	148.46	138.45
04	151.20	136.94	150.80	137.38	150.41	137.82	150.00	138.26	149.60	138.69	149.20	139.13
05	151.95	137.61	151.54	138.06	151.14	138.50	150.74	138,93	150.33	139,37	149,93	139.81
06	152.69	138.29	152.28	138.73	151.88	139.17	151.47	139,61	151.07	140.05	150.66	140.49
07	153.43	138.96	153.02	139.40	152.62	139.85	152.21	140,29	151.80	140,73	151.39	141.17
08	154.17	139.63	153.76	140.08	153.35	140.52	152.94	140.97	152.53	141.41	152,12	142.86
09	154.91	140.30	154.50	140.75	154.09	141,20	153.68	141.65	153.27	142.09	152,85	142,54
210	155.65	140.97	155.24	141,42	154.83	141,87	154.42	142.32	154.00	142.77	153,58	143,22
11	156.39	141.64	155.98	142.10	155.57	142,55	155.15	143.00	154.73	143.45	154,31	143.90
12	157.13	142.31	156.72	142.77	156,30	143.23	155.89	143.68	155.47	144.13	155.05	144.58
13	157.88	142,98	157.46	143.44	156.04	143.90	156,62	144.36	156,20	144.81	155.78	145.27
14	158.62	143.66	158,20	144.12	157,78	144.58	157.36	145,03	156.93	145.49	156,51	145.95
15	159.36	144.33	158.94	144.79	158.52	145,25	158.09	145,71	157.67	146.17	157.24	146.63
16	160.10	145.00	159.68	145.46	159,25	145.93	158.83	146,39	158.40	146.85	157.97	147.31
17	160.84	145.67	160.42	146.14	159.99	14 .60	159.56	147.07	159.13	147.53	158.70	147.99
18	161.58	146.34	161.15	146.81	160.73	147.28	160.30	147.75	159.87	148.21	159.43	148.68
19	162.32	147.01	161.89	147.48	161.46	147.95	161.03	148.42	160.60	148.89	160.17	149.36
220	163,06	147,68	162,63	148.16	162.20	148.63	161.77	149.10	161.33	149,57	160.90	150.04
21	163.81	148.36	163.37	148.83	162.94	149.31	162.50	149.78	162.07	150.25	161.68	150.72
22	164.55	149.03	164.11	149.50	163.68	149.98	163.24	150.46	162.80	150.93	162.36	151.40
23	165.29	149.70	164.85	150.18	164.41	150.66	163.97	151.13	163.53	151.61	163.09	152.09
24	166.03	150.37	165.59	150.85	165.15	151.33	164.71	151.81	164.27	152.29	163.82	152.77
25	166.77	151.04	166.33	151.52	165.89	152.01	165.44	152.49	165.00	152.97	164.55	153.45
26	167.51	151.71	167.07	152.20	166.63	152.68	166.18	153.17	165.73	153.65	165.29	154.13
27	168.25	152.38	167.81	152.87	167.36	153.36	166.92	153.84	166.47	154.33	166.02	154.81
28	168.99	153.05	168.55	153.54	168.10	154.03	167.65	154.52	167.20	155.01	166.75	155.50
29	169.73	153.73	169.29	154.22	168.84	154.71	168.39	155.20	167.93	155.69	167.48	156.18
230	170.48	154.40	170.03	154.89	169.57	155.39	169. 2	155.88	168.67	156.37	168.21	156.86
31	171.22	155.07	170.76	155.56	170.31	156.06	169,86	156,56	169.40	157.05	168.94	157.54
32	171.96	155.74	171.50	156.24	171,05	156.74	170.59	157.23	170.13	157.73	169.67	158.22
33	172.70	156.41	172.24	156.91	171,79	157,41	171.33	157.91	170.87	158.41	170.40	158.91
34	173.44	157.08	172.98	157,58	172,52	158.09	172.06	158.59	171.60	159.09	171.14	159.59
35	174.18	157.75	173.72	158,26	173,26	154.76	172.80	159.27	172.33	159.77	171,87	160.27
36	174.92	158.42	174,46	158,93	174,00	159,44	173.53	159,94	173,07	160.45	172,60	160.95
37	175.66	159.10	175,20	159.61	174.74	160.11	174.27	160.62	173.80	161.13	173.33	161.63
38	176.41	159,77	175,94	160.28	175.47	160,79	175,00	161,30	174.53	161.8.	174.06	162.32
39	177.15	160.44	176,68	160.95	176.21	161.47	175,74	161.98	175.27	162.49	174.79	163.00
240	177.89	161.11	177.42	161.63	176.95	162,14	176.47	162.66	176.00	163.17	175.52	163.68

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
241	178.63	161.78	178.16	162.30	177.68	162.82	177.21	163.33	176.73	163.85	176.26	164.36
42	179.37	162.45	178.90	162.97	178.42	163.49	177.95	164.01	177.47	164.53	176.99	165.04
43	180.11	163.12	179.64	163.65	179.16	164.17	178.68	164.69	178.20	165.21	177.72	165.73
44	180.85	163.79	180.37	164.32	179.90	164.84	179.42	165.37	178.93	165.89	178.45	166.41
45	181.59	164.47	181.11	164.99	180.63	165.52	180.15	166.04	179.67	166.57	179.18	167.09
46	182.34	165.14	181.85	165.67	181.37	166.20	180.89	166.72	180.40	167.25	179.91	167.77
47	183.08	165.81	182.59	166.34	182.11	166.87	181.62	167.40	181.13	167.93	180.64	168.45
48	183.82	166.48	183.33	167.01	182.85	167.55	182.36	168.08	181.87	168.61	181.37	169.14
49	184.56	167.15	184.07	167.69	183.58	168.22	183.09	168.75	182.60	169.29	182.11	169.82
250	185.30	167.82	184.81	168.36	184.32	168.90	183.83	169.43	183.33	169.97	182.84	170.50
51	186.04	168.49	185.55	169.03	185.06	169.57	184.56	170.11	184.07	170.65	183.57	171.18
52	186.78	169.17	186.29	169.71	185.79	170.25	185.30	170.79	184.80	171.33	184.30	171.86
53	187.52	169.84	187.03	170.38	186.53	170.92	186.03	171.47	185.53	172.01	185.03	172.55
54	188.26	170.51	187.77	171.05	187.27	171.60	186.77	172.14	186.27	172.69	185.76	173.23
55	189.01	171.18	188.51	171.73	188.01	172.28	187.50	172.82	187.00	173.37	186.49	173.91
56	189.75	171.85	189.25	172.40	188.74	172.95	188.24	173.50	187.73	174.05	187.23	174.59
57	190.49	172.52	189.98	173.07	189.48	173.63	188.97	174.18	188.47	174.73	187.96	175.27
58	191.23	173.19	190.72	173.75	190.22	174.30	189.71	174.85	189.20	175.41	188.69	175.96
59	191.97	173.86	191.46	174.42	190.96	174.98	190.45	175.53	189.93	176.09	189.42	176.64
260	192.71	174.54	192.20	175.09	191.69	175.65	191.18	176.21	190.67	176.77	190.15	177.32
61	193.45	175.21	192.94	175.77	192.43	176.33	191.92	176.89	191.40	177.45	190.88	178.00
62	194.19	175.88	193.68	176.44	193.17	177.00	192.65	177.57	192.13	178.13	191.61	178.68
63	194.94	176.55	194.42	177.11	193.90	177.68	193.39	178.24	192.87	178.81	192.35	179.37
64	195.68	177.22	195.16	177.79	194.64	178.36	194.12	178.92	193.60	179.49	193.08	180.05
65	196.42	177.89	195.90	178.46	195.38	179.03	194.86	179.60	194.33	180.17	193.81	180.73
66	197.16	178.56	196.64	179.14	196.12	179.71	195.59	180.28	195.07	180.85	194.54	181.41
67	197.90	179.23	197.38	179.81	196.85	180.38	196.33	180.95	195.80	181.53	195.27	182.09
68	198.64	179.91	198.12	180.48	197.59	181.06	197.06	181.63	196.53	182.21	196.00	182.78
69	199.38	180.58	198.68	181.16	198.33	181.73	197.80	182.31	197.27	182.89	196.73	183.46
270	200.12	181.25	199.59	181.83	199.07	182.41	198.53	182.99	198.00	183.56	197.46	184.14
71	200.87	181.92	200.33	182.50	199.80	183.08	199.27	183.66	198.73	184.24	198.20	184.82
72	201.61	182.59	201.07	183.18	200.54	183.76	200.00	184.34	199.47	184.92	198.93	185.50
73	202.35	183.26	201.81	183.85	201.28	184.44	200.74	185.02	200.20	185.60	199.66	186.19
74	203.09	183.93	202.55	184.52	202.01	185.11	201.47	185.70	201.93	186.28	200.39	186.87
75	203.83	184.60	203.29	185.20	202.75	185.79	202.21	186.38	202.67	186.96	201.12	187.55
76	204.57	185.28	204.03	185.87	203.49	186.46	202.95	187.05	203.40	187.64	201.85	188.23
77	205.31	185.95	204.77	186.54	204.23	187.14	203.68	187.73	204.13	188.32	202.58	188.91
78	206.05	186.62	205.51	187.22	204.96	187.81	204.42	188.41	204.87	189.00	203.32	189.60
79	206.79	187.29	206.25	187.89	205.70	188.49	205.15	189.09	205.60	189.68	204.05	190.28
280	207.54	187.96	206.99	188.56	206.44	189.17	205.89	189.76	206.33	190.36	204.78	190.96
81	208.28	188.63	207.73	189.24	207.18	189.84	206.62	190.44	207.07	191.04	205.51	191.64
82	209.02	189.30	208.47	189.91	207.91	190.52	207.36	191.12	207.80	191.72	206.24	192.32
83	209.76	189.68	209.20	190.58	208.65	191.19	208.09	191.80	208.53	192.40	206.97	193.01
84	210.50	190.65	209.94	191.26	209.39	191.87	208.83	192.48	209.27	193.08	207.70	193.69
85	211.24	191.32	210.68	191.93	210.12	192.54	209.56	193.15	210.00	193.76	208.43	194.37
86	211.98	191.99	211.42	192.60	210.86	193.22	210.30	193.83	210.73	194.44	209.17	195.05
87	212.72	192.66	212.16	193.28	211.60	193.89	211.03	194.51	211.47	195.12	209.90	195.73
88	213.47	193.33	212.90	193.95	212.34	194.57	211.77	195.19	212.20	195.80	210.63	196.42
89	214.21	194.00	213.64	194.62	213.07	195.25	212.50	195.86	212.93	196.48	211.36	197.10
290	214.95	194.67	214.38	195.30	213.81	195.92	213.24	196.54	213.67	197.16	212.09	197.78
91	215.69	195.35	215.12	195.97	214.55	192.60	213.98	197.22	214.40	197.84	212.82	198.46
92	216.43	196.02	215.86	196.64	215.29	197.27	214.71	197.90	215.13	198.52	213.55	199.14
93	217.17	196.69	216.60	197.32	216.02	197.95	215.45	198.57	215.87	199.20	214.29	199.83
94	217.91	197.36	217.34	197.99	216.76	198.62	216.18	199.25	216.60	199.88	215.02	200.51
95	218.65	198.03	218.08	198.66	217.50	199.30	216.92	199.93	217.33	200.56	215.75	201.19
96	219.40	198.70	218.82	199.34	218.23	199.97	217.65	200.61	218.07	201.24	216.48	201.87
97	220.14	199.37	219.55	200.01	218.97	200.65	218.39	201.29	218.80	201.92	217.21	202.55
98	220.88	200.04	220.29	200.69	219.71	201.33	219.12	201.96	219.53	202.60	217.94	203.24
99	221.62	200.72	221.03	201.36	220.45	202.00	219.86	202.64	220.27	203.28	218.67	203.92
300	222.36	201.39	221.77	202.03	221.18	202.68	220.59	203.32	221.00	203.96	219.41	204.60
	D. L. 50'		D. L. 40'		D. L. 30'		D. L. 20'		D. L. 10		D. L. 0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.73	0.68	0.73	0.69	0.73	0.69	0.72	0.69	0.72	0.69	0.72	0.69
2	1.46	1.37	1.45	1.37	1.45	1.38	1.45	1.38	1.44	1.39	1.44	1.39
3	2.19	2.05	2.18	2.06	2.18	2.07	2.17	2.07	2.16	2.08	2.16	2.08
4	2.92	2.74	2.91	2.74	2.90	2.75	2.89	2.76	2.89	2.77	2.88	2.78
5	3.65	3.42	3.64	3.43	3.63	3.44	3.62	3.45	3.61	3.46	3.60	3.47
6	4.38	4.10	4.36	4.12	4.35	4.13	4.34	4.14	4.33	4.16	4.32	4.17
7	5.11	4.79	5.09	4.80	5.08	4.82	4.06	4.83	5.05	4.85	5.04	4.86
8	5.83	5.47	5.82	5.49	5.80	5.51	5.79	5.52	5.77	5.54	5.75	5.56
9	6.56	6.16	6.55	6.18	6.53	6.20	6.51	6.21	6.49	6.23	6.47	6.25
10	7.29	6.84	7.27	6.86	7.25	6.88	7.23	6.90	7.21	6.93	7.19	6.95
11	8.02	7.53	8.00	7.55	7.98	7.57	7.96	7.60	7.93	7.62	7.91	7.64
12	8.75	8.21	8.73	8.23	8.70	8.26	8.68	8.29	8.66	8.31	8.63	8.34
13	9.48	8.89	9.46	8.92	9.43	8.95	9.40	8.98	9.38	9.00	9.35	9.03
14	10.21	9.58	10.18	9.61	10.16	9.64	10.13	9.67	10.10	9.70	10.07	9.73
15	10.94	10.26	10.91	10.29	10.88	10.33	10.85	10.36	10.82	10.39	10.79	10.42
16	11.67	10.95	11.64	10.98	11.61	11.01	11.57	11.05	11.54	11.08	11.51	11.11
17	12.40	11.63	12.37	11.67	12.33	11.70	12.30	11.74	12.26	11.77	12.23	11.81
18	13.13	12.31	13.09	12.35	13.06	12.39	13.02	12.43	12.98	12.47	12.95	12.50
19	13.86	13.00	13.82	13.04	13.78	13.08	13.74	13.12	13.71	13.16	13.67	13.20
20	14.59	13.68	14.55	13.72	14.51	13.77	14.47	13.81	14.43	13.85	14.39	13.89
21	15.32	14.37	15.27	14.41	15.23	14.46	15.19	14.50	15.15	14.54	15.11	14.59
22	16.05	15.05	16.00	15.10	15.96	15.14	15.91	15.19	15.87	15.24	15.83	15.28
23	16.78	15.73	16.73	15.78	16.68	15.83	16.64	15.88	16.59	15.93	16.54	15.98
24	17.50	16.42	17.46	16.47	17.41	16.52	17.36	16.57	17.31	16.62	17.26	16.67
25	18.23	17.10	18.18	17.16	18.13	17.21	18.08	17.26	18.03	17.31	17.98	17.37
26	18.96	17.79	18.91	17.84	18.86	17.90	18.81	17.95	18.76	18.01	18.70	18.06
27	19.69	18.47	19.64	18.53	19.58	18.59	19.53	18.64	19.48	18.70	19.42	18.76
28	20.42	19.16	20.37	19.21	20.31	19.27	20.25	19.33	20.20	19.39	20.14	19.45
29	21.15	19.84	21.09	19.90	21.04	19.96	20.98	20.02	20.92	20.08	20.86	20.15
30	21.88	20.52	21.82	20.59	21.76	20.65	21.70	20.71	21.64	20.78	21.58	20.84
31	22.61	21.21	22.55	21.27	22.49	21.34	22.42	21.40	22.36	21.47	22.30	21.53
32	23.34	21.89	23.28	21.96	23.21	22.03	23.15	22.09	23.08	22.16	23.02	22.23
33	24.07	22.58	24.00	22.65	23.94	22.72	23.87	22.79	23.80	22.85	23.74	22.92
34	24.80	23.26	24.73	23.33	24.66	23.40	24.59	23.48	24.53	23.55	24.46	23.62
35	25.53	23.94	25.46	24.02	25.39	24.09	25.32	24.17	25.25	24.24	25.18	24.31
36	26.26	24.63	26.19	24.70	26.11	24.78	26.04	24.86	25.97	24.93	25.90	25.01
37	26.99	25.31	26.91	25.39	26.84	25.47	26.76	25.55	26.69	25.62	26.62	25.70
38	27.72	25.00	27.64	26.08	27.56	26.16	27.49	26.24	27.41	26.32	27.33	26.40
39	28.45	26.68	28.37	26.76	28.29	26.85	28.21	26.93	28.13	27.01	28.05	27.09
40	29.17	27.36	29.09	27.45	29.01	27.53	28.93	27.62	28.85	27.70	28.77	27.79
41	29.90	28.05	29.82	28.14	29.74	28.22	29.66	28.31	29.58	28.39	29.49	28.48
42	30.63	28.73	30.55	28.82	30.47	28.91	30.38	29.00	30.30	29.09	30.21	29.18
43	31.36	29.42	31.28	29.51	31.19	29.60	31.10	29.69	31.02	29.78	30.93	29.87
44	32.09	30.10	32.00	30.20	31.92	30.29	31.83	30.38	31.74	30.47	31.65	30.57
45	32.82	30.79	32.73	30.88	32.64	30.98	32.55	31.07	32.46	31.17	32.37	31.26
46	33.55	31.47	33.46	31.57	33.37	31.66	33.28	31.76	33.18	31.86	33.09	31.95
47	34.28	32.15	34.19	32.26	34.09	32.35	34.00	32.45	33.90	32.55	33.81	32.65
48	35.01	32.84	34.91	32.94	34.82	33.04	34.72	33.14	34.63	33.24	34.53	33.34
49	35.74	33.52	35.64	33.63	35.54	33.73	35.45	33.83	35.35	33.94	35.25	34.04
50	36.47	34.21	36.37	34.31	36.27	34.42	36.17	34.52	36.07	34.63	35.97	34.73
51	37.20	34.89	37.10	35.00	36.99	35.11	36.89	35.21	36.79	35.32	36.69	35.43
52	37.93	35.57	37.82	35.68	37.72	35.79	37.62	35.90	37.51	36.01	37.41	36.12
53	38.66	36.26	38.55	36.37	38.44	36.48	38.34	36.59	38.23	36.71	38.13	36.82
54	39.39	36.94	39.28	37.06	39.17	37.17	39.06	37.28	38.95	37.40	38.84	37.51
55	40.12	37.63	40.01	37.74	39.90	37.86	39.79	37.98	39.67	38.09	39.56	38.21
56	40.84	38.31	40.73	38.43	40.62	38.55	40.51	38.67	40.40	38.78	40.28	38.90
57	41.57	38.99	41.46	39.12	41.35	39.24	41.23	39.36	41.12	39.48	41.00	39.60
58	42.30	39.68	42.19	39.80	42.07	39.92	41.96	40.05	41.84	40.17	41.72	40.29
59	43.03	40.36	42.91	40.49	42.80	40.61	42.68	40.74	42.56	40.86	42.44	40.98
60	43.76	41.05	43.64	41.17	43.52	41.30	43.40	41.43	43.28	41.55	43.16	41.68
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50'		40'		30'		20'		10'		0'	

	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	44.49	41.73	44.37	41.86	44.25	41.99	44.13	42.12	44.00	42.25	43.88	42.37
62	45.22	42.42	45.10	42.55	44.97	42.68	44.85	42.81	44.72	42.94	44.60	43.07
63	45.95	43.10	45.82	43.23	45.70	43.37	45.57	43.50	45.45	43.63	45.32	43.76
64	46.68	43.78	46.55	43.92	46.42	44.05	46.30	44.19	46.17	44.32	46.04	44.46
65	47.41	44.47	47.28	44.61	47.15	44.74	47.02	44.88	46.89	45.02	46.76	45.15
66	48.14	45.15	48.01	45.29	47.87	45.43	47.74	45.57	47.61	45.71	47.48	45.85
67	48.87	45.84	48.73	45.98	48.60	46.12	48.47	46.26	48.33	46.40	48.20	46.54
68	49.60	46.52	49.46	46.66	49.33	46.81	49.19	46.95	49.05	47.09	48.92	47.24
69	50.33	47.20	50.19	47.35	50.05	47.50	49.91	47.64	49.77	47.79	49.63	47.93
70	51.06	47.89	50.92	48.04	50.78	48.18	50.64	48.33	50.50	48.48	50.35	48.63
71	51.79	48.57	51.64	48.72	51.50	48.87	51.36	49.02	51.22	49.17	51.07	49.32
72	52.51	49.26	52.37	49.41	52.33	49.56	52.08	49.71	51.94	49.86	51.79	50.02
73	53.24	49.94	53.10	50.10	52.95	50.25	52.81	50.40	52.66	50.56	52.51	50.71
74	53.97	50.62	53.83	50.78	53.68	50.94	53.53	51.09	53.38	51.25	53.23	51.40
75	54.70	51.31	54.55	51.47	54.40	51.63	54.25	51.78	54.10	51.94	53.95	52.10
76	55.43	51.99	55.28	52.15	55.13	52.31	54.98	52.47	54.82	52.63	54.67	52.79
77	56.16	52.68	56.01	52.84	55.85	53.00	55.70	53.17	55.54	53.33	55.39	53.49
78	56.89	53.36	56.73	53.53	56.58	53.69	56.42	53.86	56.27	54.02	56.11	54.18
79	57.62	54.05	57.46	54.21	57.30	54.38	57.15	54.55	56.99	54.71	56.83	54.88
80	58.35	54.73	58.19	54.90	58.03	55.07	57.87	55.24	57.71	55.40	57.55	55.57
81	59.08	55.41	58.92	55.59	58.75	55.76	58.59	55.93	58.43	56.10	58.27	56.27
82	59.81	56.10	59.64	56.27	59.48	56.44	59.32	56.62	59.15	56.79	58.99	56.96
83	60.54	56.78	60.37	56.96	60.21	57.13	60.04	57.31	59.87	57.48	59.71	57.66
84	61.27	57.47	61.10	57.64	60.93	57.82	60.76	58.00	60.59	58.18	60.42	58.35
85	62.00	58.15	61.83	58.33	61.66	58.51	61.49	58.69	61.32	58.87	61.14	59.05
86	62.73	58.83	62.55	59.02	62.38	59.20	62.21	59.38	62.04	59.56	61.86	59.74
87	63.46	59.52	63.28	59.70	63.11	59.89	62.93	60.07	62.76	60.25	62.58	60.44
88	64.18	60.20	64.01	60.39	63.83	60.57	63.66	60.76	63.48	60.95	63.30	61.13
89	64.91	60.89	64.74	61.08	64.56	61.26	64.38	61.45	64.20	61.64	64.02	61.82
90	65.64	61.57	65.46	61.76	65.28	61.95	65.10	62.14	64.92	62.33	64.74	62.52
91	66.37	62.25	66.19	62.45	66.01	62.64	65.83	62.83	65.64	63.02	65.46	63.21
92	67.10	62.94	66.92	63.13	66.73	63.33	66.55	63.52	66.37	63.72	66.18	63.91
93	67.83	63.62	67.65	63.82	67.46	64.02	67.27	64.21	67.09	64.41	66.90	64.60
94	68.56	64.31	68.37	64.51	68.18	64.70	68.00	64.90	67.81	65.10	67.62	65.30
95	69.29	64.99	69.10	65.19	68.91	65.39	68.72	65.59	68.53	65.79	68.34	65.99
96	70.02	65.68	69.83	65.88	69.64	66.08	69.44	66.28	69.25	66.49	69.06	66.69
97	70.75	66.36	70.55	66.57	70.36	66.77	70.17	66.97	69.97	67.18	69.78	67.38
98	71.48	67.04	71.28	67.25	71.09	67.46	70.89	67.67	70.69	67.87	70.50	68.08
99	72.21	67.73	72.01	67.94	71.81	68.15	71.61	68.36	71.41	68.56	71.21	68.77
100	72.94	68.41	72.74	68.62	72.54	68.84	72.34	69.05	72.14	69.26	71.93	69.47
01	73.67	69.10	73.46	69.31	73.26	69.52	73.06	69.74	72.86	69.95	72.65	70.16
02	74.40	69.78	74.19	70.00	73.99	70.21	73.78	70.43	73.58	70.64	73.37	70.86
03	75.13	70.46	74.92	70.68	74.21	70.90	74.51	71.12	74.30	71.33	74.09	71.55
04	75.85	71.15	75.65	71.37	75.44	71.59	75.23	71.81	75.02	72.03	74.81	72.24
05	76.58	71.83	76.37	72.06	76.16	72.28	75.95	72.50	75.74	72.72	75.53	72.94
06	77.31	72.52	77.10	72.74	76.89	72.97	76.68	73.19	76.46	73.41	76.25	73.63
07	78.04	73.20	77.83	73.43	77.61	73.65	77.40	73.88	77.19	74.10	76.97	74.33
08	78.77	73.88	78.56	74.11	78.34	74.34	78.12	74.57	77.91	74.80	77.69	75.02
09	79.50	74.57	79.28	74.80	79.07	75.03	78.85	75.26	78.63	75.49	78.41	75.72
110	80.23	75.25	80.01	75.49	79.79	75.72	79.57	75.95	79.35	76.18	79.13	76.41
11	80.96	75.94	80.74	76.17	80.52	76.41	80.29	76.64	80.07	76.87	79.85	77.11
12	81.69	76.62	81.47	76.86	81.24	77.10	81.02	77.33	80.79	77.57	80.57	77.80
13	82.42	77.31	82.19	77.55	81.97	77.78	81.74	78.02	81.51	78.26	81.29	78.50
14	83.15	77.99	82.92	78.23	82.69	78.47	82.46	78.71	82.24	78.95	82.00	79.19
15	83.88	78.67	83.65	78.92	83.42	79.16	83.19	79.40	82.96	79.64	82.72	79.89
16	84.61	79.36	84.37	79.60	84.14	79.85	83.91	80.09	83.68	80.34	83.44	80.58
17	85.34	80.04	85.10	80.29	84.87	80.54	84.63	80.78	84.40	81.03	84.16	81.28
18	86.07	80.73	85.83	80.98	85.59	81.23	85.36	81.47	85.12	81.72	84.88	81.97
19	86.80	81.41	86.56	81.66	86.32	81.91	86.08	82.16	85.84	82.41	85.60	82.66
120	87.52	82.09	87.28	82.35	87.04	82.60	86.80	82.86	86.56	83.11	86.32	83.36

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

°	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
121	88.25	82.78	88.01	83.04	87.77	83.29	87.53	83.55	87.28	83.80	87.04	84.05
22	88.98	83.46	88.74	83.72	88.50	83.98	88.25	84.24	88.01	84.49	87.76	84.75
23	89.71	84.15	89.47	84.41	89.22	84.67	88.97	84.93	88.73	85.18	88.48	85.44
24	90.44	84.83	90.19	85.09	89.95	85.36	89.70	85.62	89.45	85.88	89.20	86.14
25	91.17	85.52	90.92	85.78	90.67	86.04	90.42	86.31	90.17	86.57	89.92	86.83
26	91.90	86.20	91.65	86.47	91.40	86.78	91.14	87.00	90.89	87.26	90.64	87.53
27	92.63	86.88	92.38	87.15	92.12	87.42	91.87	87.69	91.61	87.96	91.36	88.22
28	93.36	87.57	93.10	87.84	92.85	88.11	93.59	88.38	92.33	88.95	92.08	88.92
29	94.09	88.25	93.83	88.52	93.57	88.80	93.31	89.07	93.06	89.34	92.79	89.61
130	94.82	88.94	94.56	89.21	94.30	89.49	94.04	89.76	93.78	90.03	93.51	90.31
31	95.55	89.62	95.29	89.90	95.02	90.17	94.76	90.45	94.50	90.73	94.23	91.00
32	96.28	90.30	96.01	90.58	95.75	90.86	95.48	91.14	95.22	91.42	94.95	91.70
33	97.01	90.99	96.74	91.27	96.47	91.55	96.21	91.83	95.94	92.11	95.67	92.39
34	97.74	91.67	97.47	91.96	97.20	92.24	96.93	92.52	96.66	92.80	96.39	93.08
35	98.46	92.36	98.19	92.64	97.92	92.93	97.65	93.21	97.38	93.50	97.11	93.78
36	99.19	93.04	98.92	93.33	98.65	93.62	98.38	93.90	98.10	94.19	97.83	94.47
37	99.92	93.72	99.65	94.01	99.38	94.30	99.10	94.59	98.83	94.88	98.55	95.17
38	100.65	94.41	100.38	94.70	100.10	94.99	99.83	95.28	99.55	95.57	99.27	95.86
39	101.38	95.09	101.10	95.39	100.83	95.68	100.55	95.97	100.27	96.27	99.99	96.56
140	102.11	95.78	101.83	96.07	101.55	96.37	101.27	96.66	100.99	96.96	100.71	97.25
41	102.84	96.46	102.56	96.76	102.28	97.06	101.00	97.35	101.71	97.65	101.43	97.95
42	103.57	97.15	103.29	97.44	103.00	97.75	102.72	98.05	102.43	98.34	102.15	98.64
43	104.30	97.83	104.01	98.13	103.73	98.43	103.44	98.74	103.15	99.04	102.87	99.34
44	105.03	98.51	104.74	98.82	104.45	99.12	104.17	99.43	103.88	99.73	103.58	100.03
45	105.76	99.20	105.47	99.50	105.18	99.81	104.89	100.12	104.60	100.42	104.30	100.73
46	106.49	99.88	106.20	100.19	105.90	100.50	105.61	100.81	105.32	101.11	105.02	101.42
47	107.22	100.57	106.92	100.88	106.63	101.19	106.34	101.50	106.04	101.81	105.74	102.12
48	107.95	101.25	107.65	101.56	107.35	101.88	107.06	102.19	106.76	102.50	106.46	102.81
49	108.68	101.93	108.38	102.25	108.08	102.56	107.78	102.88	107.48	103.19	107.18	103.50
150	109.41	102.62	109 11	102.94	108.81	103.25	108.51	103.57	108.20	103.88	107.90	104.20
51	110.13	103.30	109.83	103.62	109.53	103.94	109.23	104.26	108.93	104.58	108.62	104.89
52	110.86	103.99	110.56	104.31	110.26	104.63	109.95	104.95	109.65	105.27	109.34	105.59
53	111.59	104.67	111.29	105.00	110.98	105.32	110.68	105.64	110.37	105.96	110.06	106.28
54	112.32	105.35	112.01	105.68	111.71	106.01	111.40	106.33	111.09	106.65	110.78	106.98
55	113.05	106.04	112.74	106.37	112.43	106.69	112.12	107.02	111.81	107.35	111.50	107.67
56	113.78	106.72	113.47	107.05	113.16	107.38	112.85	107.71	112.53	108.04	112.22	108.37
57	114.51	107.41	114.20	107.74	113.88	108.07	113.57	108.40	113.25	108.73	112.94	109.06
58	115.24	108.09	114.92	108.43	114.61	108.76	114.29	109.09	113.97	109.42	113.66	109.76
59	115.97	108.78	115.65	109.11	115.33	109.45	115.02	109.78	114.70	109.12	114.38	110.45
160	116.70	109.46	116.38	109.80	116.06	110.14	115.74	110.47	115.42	110.81	115.09	111.15
61	117.43	110.14	117.11	110.48	116.78	110.82	116.46	111.16	116.14	111.50	115.81	111.84
62	118.16	110.83	117.83	111.17	117.51	111.51	117.19	111.85	116.86	112.19	116.53	112.53
63	118.89	111.51	118.56	111.86	118.24	112.20	117.91	112.54	117.58	112.89	117.25	113.23
64	119.62	112.20	119.29	112.54	118.96	112.89	118.63	113.24	118.30	113.58	117.97	113.92
65	120.35	112.88	120.02	113.23	19.69	113.58	119.36	113.93	119.02	114.27	118.69	114.62
66	121.08	113.56	120.74	113.92	120.41	114.27	120.08	114.62	119.75	114.96	119.41	115.31
67	121.80	114.25	121.47	114.60	121.14	114.95	120.80	115.31	120.47	115.66	120.13	116.01
68	122.53	114.93	122.20	115.29	121.86	115.64	121.53	116.00	121.19	116.35	120.85	116.70
69	123.26	115.62	122.93	115.97	122.59	116.33	122.25	116.69	121.91	117.04	121.57	117.40
170	123.99	116.30	123.65	116.66	123.31	117.02	122.97	117.38	122.63	117.74	122.29	118.09
71	124.72	116.98	124.38	117.35	124.04	117.71	123.70	118.07	123.35	118.43	123.01	118.79
72	125.45	117.67	125.11	118.03	124.76	118.40	124.42	118.76	124.07	119.12	123.73	119.48
73	126.18	118.35	125.84	118.72	125.49	119.08	125.14	119.45	124.80	119.81	124.45	120.18
74	126.91	119.04	126.56	119.41	126.21	119.77	125.87	120.14	125.52	120.51	125.17	120.87
75	127.64	119.72	127.29	120.09	126.94	120.46	126.59	120.83	126.24	121.20	125.88	121.57
76	128.37	120.41	128.02	120.78	127.67	121.15	127.31	121.52	126.96	121.89	126.60	122.26
77	129.10	121.09	128.74	121.46	128.39	121.84	128.04	122.21	127.68	122.58	127.32	122.95
78	129.83	121.77	129.47	122.15	129.12	122.53	128.76	122.90	128.40	123.28	128.04	123.65
79	130.56	122.46	130.20	122.84	129.84	123.21	129.48	123.59	129.12	123.97	128.76	124.34
180	131.29	123.14	130.93	123.52	130.57	123.90	130.21	124.28	129.84	124.66	129.48	125.04

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dist.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	132.02	123.83	131.65	124.21	131.29	124.59	130.93	124.97	130.57	125.35	130.20	125.73
82	132.75	124.51	132.38	124.90	132.02	125.28	131.65	125.66	131.29	126.05	130.92	126.43
83	133.47	125.19	133.11	125.58	132.74	125.97	132.38	126.35	132.01	126.74	131.64	127.12
84	134.20	125.88	133.84	126.27	133.47	126.66	133.10	127.04	132.78	127.43	132.36	127.82
85	134.93	126.56	134.56	126.95	134.19	127.34	133.82	127.74	133.45	128.12	133.08	128.51
86	135.66	127.25	135.29	127.64	134.92	128.03	134.55	128.43	134.17	128.82	133.80	129.21
87	136.39	127.93	136.02	128.33	135.64	128.72	135.27	129.12	134.89	129.51	134.52	129.90
88	137.12	128.61	136.75	129.01	136.37	129.41	135.99	129.81	135.62	130.20	135.24	130.60
89	137.85	129.30	137.47	129.70	137.09	130.10	136.72	130.50	136.34	130.89	135.96	131.29
90	138.58	129.98	138.20	30.39	137.82	130.79	137.44	131.19	137.06	131.59	136.67	131.99
91	139.31	130.65	138.93	131.07	138.55	131.47	138.16	131.88	137.78	132.28	137.39	132.68
92	140.04	131.35	139.66	131.76	139.27	132.16	138.89	132.57	138.50	132.97	138.11	133.37
93	140.77	132.04	140.38	132.44	140.00	132.85	139.61	133.26	139.22	133.66	138.83	134.07
94	141.50	132.72	141.11	133.13	140.72	133.54	140.33	133.95	139.94	134.36	139.55	134.76
95	142.23	133.40	141.84	133.82	141.45	134.23	141.06	134.64	140.67	135.05	140.27	135.45
96	142.96	134.09	142.56	134.50	142.17	134.92	141.78	135.33	141.39	135.74	140.99	136.15
97	143.69	134.77	143.29	135.19	142.90	135.60	142.50	136.02	142.11	136.43	141.71	136.81
98	144.42	135.46	144.02	135.88	143.62	136.29	143.23	136.71	142.83	137.13	142.43	137.54
99	145.14	136.14	144.75	136.56	144.35	136.98	143.95	137.40	143.55	137.82	143.15	138.24
200	145.87	136.82	145.47	137.25	145.07	137.67	144.67	138.09	144.27	138.51	143.87	138.93
01	146.60	137.51	146.20	137.93	145.80	138.36	145.40	138.78	144.99	139.20	144.59	139.63
02	147.33	138.19	146.93	138.62	146.52	139.05	146.12	139.47	145.71	139.90	145.31	140.32
03	148.06	38.88	147.66	139.31	147.25	139.74	146.84	140.16	146.44	140.59	146.03	141.02
04	148.79	139.56	148.38	139.99	147.98	140.42	147.57	140.85	147.16	141.28	146.75	141.71
05	149.52	140.24	149.11	140.68	148.70	141.11	148.29	141.54	147.88	141.97	147.46	142.41
06	150.25	140.93	149.84	141.37	149.43	141.80	149.01	142.23	148.60	142.67	148.18	143.10
07	150.98	141.61	150.57	142.05	150.15	142.49	149.74	142.93	149.32	143.36	148.90	143.79
08	151.71	142.30	151.29	142.74	150.88	143.18	150.46	143.62	150.04	144.05	149.62	144.49
09	152.44	142.98	152.02	143.42	151.60	143.87	151.18	144.31	150.76	144.75	150.34	145.18
210	153.17	143.67	152.75	144.11	152.33	144.55	151.81	145.00	151.49	145.44	151.06	145.88
11	153.00	144.35	153.48	144.80	153.05	145.24	152.63	145.69	152.21	146.13	151.78	146.57
12	184.63	145.03	154.20	145.48	153.78	145.93	153.35	146.38	152.93	146.82	152.50	147.27
13	155.36	145.72	154.93	146.17	154.50	146.62	154.08	147.07	153.65	147.52	153.22	147.96
14	156.09	146.40	155.66	146.86	155.23	147.31	154.80	147.76	154.37	148.21	153.94	148.66
15	156.81	147.09	156.38	147.54	155.95	148.00	155.52	148.45	155.09	148.90	154.66	149.35
16	157.54	147.77	157.11	148.23	156.68	148.68	156.25	149.14	155.81	149.59	155.38	150.05
17	158.27	148.45	157.84	148.91	157.41	149.37	156.97	149.83	156.54	150.29	156.10	150.74
18	159.00	149.14	158.57	149.60	158.13	150.06	157.69	150.52	157.26	150.98	156.82	151.44
19	159.73	149.82	159.29	150.29	158.86	150.75	158.42	151.21	157.98	151.67	157.54	152.13
220	160.46	150.51	160.02	150.97	159.58	151.44	159.14	151.90	158.70	152.36	158.25	152.83
21	161.19	151.19	160.75	151.66	160.31	152.13	159.86	152.59	159.42	153.06	158.97	153.52
22	161.92	151.87	161.48	152.35	161.03	152.81	160.59	153.28	160.14	153.75	159.69	154.21
23	162.65	152.56	162.20	153.03	161.76	153.50	161.31	153.97	160.86	154.44	160.41	154.91
24	163.38	153.24	162.93	153.72	162.48	154.19	162.03	154.66	161.58	155.13	161.13	155.60
25	164.11	153.93	163.66	154.40	163.21	154.88	162.76	155.35	162.31	155.83	161.85	156.30
26	164.84	154.61	164.39	155.09	163.93	155.57	163.48	156.04	163.03	156.52	162.57	156.99
27	165.57	155.30	165.11	155.78	164.66	156.26	164.20	156.73	163.75	157.21	163.29	157.69
28	166.30	155.98	165.84	156.46	165.38	156.94	164.93	157.42	164.47	157.90	164.01	158.38
29	167.03	156.66	166.57	157.15	166.11	157.63	165.65	158.12	165.19	158.60	164.73	159.08
230	167.76	157.35	164.30	157.35	166.84	158.32	166.38	158.81	165.91	159.29	165.45	159.77
31	168.48	158.03	168.02	158.52	167.56	159.01	167.10	159.50	166.63	159.98	166.17	160.47
32	169.21	158.72	168.75	159.21	168.29	159.70	167.82	160.19	167.36	160.67	166.89	161.16
33	169.94	159.40	169.48	159.89	169.01	160.39	168.55	160.88	168.08	161.37	167.61	161.86
34	170.67	160.08	170.20	160.58	1 9.74	161.07	169.27	161.57	168.80	162.06	168.33	162.55
35	171.40	160.77	170.93	161.27	170.46	161.76	169.99	162.26	169.52	162.75	169.04	163.25
36	172.13	161.45	171.66	161.95	171.19	162.45	170.72	162.95	170.24	163.44	169.76	163.94
37	172.86	162.14	172.39	162.64	171.91	163.14	171.44	163.64	170.96	164.14	170.48	164.63
38	173.59	162.82	173.11	163.33	172.64	163.83	172.16	164.33	171.68	164.83	171.20	165.33
39	174.32	163.50	173.84	164.01	173.36	164.52	172.89	165.02	172.41	165.52	171.92	166.02
240	175.05	64.19	174.57	164.70	174.09	165.20	173.61	165.71	173.13	16 .21	172.64	166.72
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dia.	10' L.	10' D.	20' L.	20' D.	30' L.	30' D.	40' L.	40' D.	50' L.	50' D.	60' L.	60' D.
241	175.78	164.87	175.30	165.38	174.81	165.89	174.33	166.40	173.85	166.91	173.36	167.41
42	176.51	165.56	176.02	166.07	175.54	166.58	175.06	167.09	174.57	167.60	174.08	168.11
43	177.24	165.24	176.75	166.76	176.26	167.27	176.78	167.78	175.29	168.29	174.80	168.80
44	177.97	166.93	177.48	167.44	176.99	167.96	176.50	168.47	176.01	168.98	175.52	169.50
45	178.70	167.61	178.21	168.13	177.72	168.65	177.23	169.16	176.73	169.68	176.24	170.19
46	179.43	168.29	178.93	168.82	178.44	169.33	177.95	169.85	177.45	170.37	176.96	170.89
47	180.15	168.98	179.66	169.50	179.17	170.02	178.67	170.54	178.18	171.06	177.68	171.58
48	180.88	169.66	180.39	170.19	179.89	170.71	179.40	171.23	178.90	171.75	178.40	172.28
49	181.61	170.35	181.12	170.87	180.62	171.40	180.12	171.92	179.62	172.45	179.12	172.97
250	182.34	171.03	181.84	171.56	181.34	172.09	180.84	172.62	180.34	173.14	179.84	173.67
51	183.07	171.71	182.57	172.25	182.07	172.78	181.57	173.31	181.06	173.83	180.55	174.36
52	183.80	172.40	183.30	172.93	182.79	173.46	182.29	174.00	181.78	174.53	181.27	175.05
53	184.53	173.08	184.02	173.62	183.52	174.15	183.01	174.69	182.50	175.22	181.99	175.75
54	185.26	173.77	184.75	174.30	184.24	174.84	183.74	175.38	183.23	175.91	182.71	176.44
55	185.99	174.45	185.48	174.99	184.97	175.53	184.46	176.07	183.95	176.60	183.43	177.14
56	186.72	175.13	186.21	175.68	185.69	176.22	185.18	176.76	184.67	177.30	184.15	177.83
57	187.45	175.82	186.93	176.36	186.42	176.91	185.91	177.45	185.39	177.99	184.87	178.53
58	188.18	176.50	187.66	177.05	187.15	177.59	186.63	178.14	186.11	178.68	185.59	179.22
59	188.91	177.19	188.39	177.74	187.87	178.28	187.35	178.83	186.83	179.37	186.31	179.92
260	189.64	177.87	189.12	178.42	188.60	178.97	188.08	179.52	187.55	180.07	187.03	180.61
61	190.37	178.56	199.84	179.11	189.32	179.66	188.80	180.21	188.27	180.76	187.75	181.31
62	191.09	179.24	190.57	179.79	190.05	180.35	189.52	180.90	189.00	181.45	188.47	182.00
63	191.82	179.92	191.30	180.48	190.77	181.04	190.25	181.59	189.72	182.14	189.19	182.70
64	192.55	180.61	162.03	181.17	191.50	181.72	190.97	182.28	190.44	182.84	189.91	183.39
65	193.28	181.29	192.75	181.85	192.22	182.41	191.69	182.97	191.16	183.53	190.63	184.08
66	194.01	181.98	193.48	182.54	192.95	183.10	192.42	183.66	191.88	184.22	191.34	184.78
67	194.74	182.66	194.21	183.23	193.67	183.79	193.14	184.35	192.60	184.91	192.06	185.47
68	195.47	183.34	194.94	183.91	194.40	184.48	193.86	185.04	193.32	185.61	192.78	186.17
69	196.20	184.03	195.66	184.60	195.12	185.17	194.59	185.73	194.05	186.30	193.50	186.86
270	196.93	184.71	196.39	185.28	195.85	185.85	195.31	186.42	194.77	186.99	194.22	187.56
71	197.66	185.40	197.12	185.97	196.58	186.54	196.03	187.11	195.49	187.68	194.94	188.25
72	198.39	186.08	197.84	186.66	197.30	187.23	196.76	187.81	196.21	188.38	195.66	188.95
73	199.12	186.76	198.57	187.34	198.03	187.92	197.48	188.50	196.93	189.07	196.38	189.64
74	199.85	187.45	199.30	188.03	198.75	188.61	198.20	189.19	197.65	189.76	197.10	190.34
75	200.58	188.13	200.03	188.72	199.48	189.30	198.93	189.88	198.37	190.45	197.82	191.03
76	201.31	188.82	200.75	189.40	200.20	189.98	199.65	190.57	199.10	191.15	198.54	191.73
77	202.04	189.50	201.48	190.09	200.93	190.67	200.37	191.26	199.82	191.84	199.26	192.42
78	202.76	190.19	202.21	190.77	201.65	191.36	201.10	191.95	200.54	192.53	199.98	193.12
79	203.49	190.87	202.94	191.46	202.38	192.05	201.82	192.64	201.26	193.22	200.70	193.81
280	204.22	191.55	203.66	192.15	203.10	192.74	202.54	193.33	201.98	193.92	201.42	194.50
81	204.95	192.24	204.39	192.83	203.83	193.43	203.27	194.02	202.70	194.61	202.13	195.20
82	205.68	192.92	205.12	193.52	204.55	194.11	203.99	194.71	203.42	195.30	202.85	195.89
83	206.41	193.61	205.85	194.21	205.28	194.80	204.71	195.40	204.14	195.99	203.57	196.59
84	207.14	194.29	206.57	194.89	206.01	195.49	205.44	196.09	204.87	196.69	204.29	197.28
85	207.87	194.97	207.30	195.58	206.73	196.18	206.16	196.78	205.59	197.38	205.01	197.98
86	208.60	195.66	208.03	196.26	207.46	196.87	206.88	197.47	206.31	198.07	205.73	198.67
87	209.33	196.34	208.76	196.95	208.18	197.56	207.61	198.16	207.03	198.76	206.45	199.37
88	210.06	197.03	209.48	197.64	208.91	198.24	208.33	198.85	207.75	199.46	207.17	200.06
89	210.79	197.71	210.21	198.32	209.63	198.93	209.05	199.54	208.47	200.15	207.89	200.76
290	211.52	198.39	210.94	199.01	210.36	199.62	209.78	200.23	209.19	200.84	208.61	201.45
91	212.25	199.08	211.66	199.70	211.08	200.31	210.50	200.92	209.92	201.53	209.33	202.15
92	212.98	199.76	212.39	200.38	211.01	201.00	211.22	201.61	210.64	202.23	210.95	202.84
93	213.71	200.45	213.12	201.07	212.53	201.69	211.95	202.30	211.36	202.92	210.77	203.54
94	214.43	201.13	213.85	201.75	213.26	202.37	212.67	203.00	212.08	203.61	211.49	204.23
95	215.16	201.82	214.57	202.44	213.98	203.06	213.39	203.69	212.80	204.31	212.21	204.92
96	215.89	202.50	215.30	203.13	214.71	203.75	214.12	204.38	213.52	205.00	212.92	205.62
97	216.62	203.18	216.03	203.81	215.43	204.44	214.84	205.07	214.24	205.69	213.64	206.31
98	217.35	203.87	216.76	204.50	216.16	205.13	215.56	205.76	214.97	206.38	214.36	207.01
99	218.08	204.55	217.48	205.19	216.89	205.82	216.29	206.45	215.69	207.08	215.08	207.70
300	218.81	205.24	218.21	205.87	217.61	206.51	217.01	207.14	216.41	207.77	215.80	208.40

D.	L. 50'	D.	L. 40'	D.	L. 30'	D.	L. 20'	D.	L. 10	D.	L. 0'

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
1	0.72	0.70	0.72	0.70	0.71	0.70	0.71	0.70	0.71	0.71	0.71	0.71
2	1.43	1.39	1.43	1.40	1.43	1.40	1.42	1.41	1.42	1.41	1.41	1.41
3	2.15	2.09	2.15	2.10	2.14	2.10	2.13	2.11	2.13	2.12	2.12	2.12
4	2.87	2.79	2.86	2.80	2.85	2.80	2.84	2.81	2.84	2.82	2.83	2.83
5	3.59	3.48	3.58	3.49	3.57	3.50	3.56	3.51	3.55	3.53	3.54	3.54
6	4.30	4.18	4.29	4.19	4.28	4.21	4.27	4.22	4.25	4.23	4.24	4.24
7	5.02	4.88	5.01	4.89	4.99	4.91	4.98	4.92	4.96	4.94	4.95	4.95
8	5.74	5.57	5.72	5.59	5.61	5.91	5.69	5.62	5.67	5.64	5.66	5.66
9	6.46	6.27	6.44	6.29	6.42	6.31	6.40	6.33	6.38	6.35	6.36	6.36
10	7.17	6.97	7.15	6.99	7.13	7.01	7.11	7.03	7.09	7.05	7.07	7.07
11	7.89	7.66	7.87	7.69	7.85	7.71	7.82	7.73	7.80	7.76	7.78	7.78
12	8.61	8.36	8.58	8.39	8.56	8.41	8.53	8.44	8.51	8.46	8.49	8.49
13	9.33	9.06	9.30	9.08	9.27	9.11	9.25	9.14	9.22	9.17	9.19	9.19
14	10.04	9.75	10.01	9.78	9.99	9.81	9.96	9.84	9.93	9.87	9.90	9.90
15	10.76	10.45	10.73	10.48	10.70	10.51	10.67	19.54	10.64	10.58	10.61	10.61
16	11.48	11.15	11.44	11.18	11.41	11.21	11.38	11.25	11.35	11.28	11.31	11.31
17	12.19	11.84	12.16	11.88	12.13	11.92	12.09	11.95	12.06	11.99	12.02	12.02
18	12.91	12.54	12.88	12.58	12.84	12.62	12.80	12.65	12.76	12.69	12.73	12.73
19	13.63	13.24	13.59	13.28	13.55	13.32	13.51	13.36	13.47	13.40	13.44	13.44
20	14.35	13.94	14.31	13.98	14.27	14.02	14.22	14.06	14.18	14.10	14.14	14.14
21	15.06	14.63	15.02	14.68	14.98	14.72	14.94	14.76	14.89	14.81	14.85	14.85
22	15.78	15.33	15.74	15.37	15.69	15.42	15.65	15.47	15.60	15.51	15.56	15.56
23	16.50	16.08	16.45	16.07	16.40	16.12	16.36	16.17	16.31	16.22	16.26	16.26
24	17.22	16.72	17.17	16.77	17.12	16.82	17.07	16.87	17.02	16.92	16.97	16.97
25	17.93	17.42	17.88	17.47	17.83	17.52	17.78	17.57	17.73	17.63	17.68	17.68
26	18.65	18.12	18.60	18.17	18.54	18.22	18.49	18.28	17.44	18.33	18.38	18.38
27	19.37	18.81	19.31	18.87	19.26	18.92	19.20	18.98	19.15	19.04	19.09	19.09
28	20.08	18.51	20.03	19.57	19.97	19.63	19.91	19.68	19.86	19.74	19.80	19.80
29	20.80	20.21	20.74	20.27	20.68	20.33	20.63	20.39	20.57	20.45	20.51	20.51
30	21.52	20.90	21.46	20.96	21.40	21.03	21.34	21.09	21.27	21.15	21.21	21.21
31	22.24	21.60	22.17	21.66	22.11	21.73	22.05	21.79	21.98	21.86	21.92	21.92
32	22.95	22.30	22.89	22.36	22.82	22.43	22.76	22.50	22.69	22.56	22.63	22.63
33	23.67	22.99	23.60	23.06	23.54	23.13	23.47	23.20	23.40	23.27	23.33	23.33
34	24.39	23.69	24.32	23.76	24.25	23.83	24.18	23.90	24.11	23.97	24.04	24.04
35	25.11	24.39	25.04	24.46	24.96	24.53	24.89	24.60	24.82	24.68	24.75	24.75
36	25.82	25.08	25.75	25.16	25.68	25.23	25.60	25.31	25.53	25.38	25.46	25.46
37	26.54	25.78	26.47	25.86	26.39	25.93	26.31	26.01	26.24	26.09	26.16	26.16
38	27.26	26.48	27.18	26.56	27.10	26.63	27.03	26.71	26.95	26.79	26.87	26.87
39	27.98	27.17	27.90	27.25	27.82	27.34	27.74	27.42	27.66	27.50	27.58	27.58
40	28.69	27.87	28.61	27.95	28.53	28.04	28.45	28.12	28.37	28.20	28.28	28.28
41	29.41	28.57	29.33	28.65	29.24	28.74	29.16	28.82	29.08	28.91	28.99	28.99
42	30.13	29.26	30.04	29.35	29.96	29.44	29.87	29.53	29.78	29.61	29.70	29.70
43	30.84	29.96	30.76	30.05	30.67	30.14	30.58	30.23	30.49	30.32	30.41	30.41
44	31.56	30.66	31.47	30.75	31.38	30.84	31.29	30.93	31.20	31.02	31.11	31.11
45	32.28	31.35	32.19	31.45	32.10	31.54	32.00	31.63	31.91	31.73	31.82	31.82
46	33.00	32.05	32.90	32.15	32.81	32.24	32.72	32.34	32.62	32.43	32.53	32.53
47	33.71	32.75	33.62	32.85	33.52	32.94	33.43	33.04	33.33	33.14	33.23	33.23
48	34.43	33.44	34.33	33.54	34.24	33.64	34.14	33.74	34.04	33.84	33.94	33.94
49	35.15	34.14	35.05	34.24	34.95	34.34	34.85	34.45	34.75	34.55	34.65	34.65
50	35.87	34.84	35.76	34.94	35.66	35.05	35.56	35.15	35.46	35.25	35.35	35.35
51	36.58	35.53	36.48	35.64	36.38	35.75	36.27	35.85	36.17	35.96	36.06	36.06
52	37.30	36.23	37.20	36.34	37.09	36.45	36.98	36.55	36.88	36.66	36.77	36.77
53	38.02	36.93	37.91	37.04	37.80	37.15	37.69	37.26	37.59	37.37	37.48	37.48
54	38.74	37.62	38.63	37.74	38.52	37.85	38.41	37.96	38.29	38.07	38.18	38.18
55	39.45	38.32	39.34	38.44	39.23	38.55	39.12	38.66	39.00	38.78	38.89	38.89
56	40.17	39.02	40.06	39.13	39.94	39.25	39.83	39.37	39.71	39.48	39.60	39.60
57	40.89	39.71	40.77	39.83	40.66	39.95	40.54	40.07	40.42	40.19	40.31	40.31
58	41.60	40.41	41.49	40.53	41.37	40.65	41.25	40.77	41.13	40.89	41.01	41.01
59	42.32	41.11	42.20	41.23	42.08	41.35	41.96	41.47	41.84	41.60	41.72	41.72
60	43.04	41.81	42.92	41.93	42.80	42.05	42.67	42.18	42.55	42.30	42.43	42.43
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
61	43.76	42.50	43.63	42.63	43.51	42.76	43.38	42.88	43.26	43.01	43.13	43.13
62	44.47	43.20	44.35	43.33	44.22	43.46	44.10	43.58	43.97	43.71	43.84	43.84
63	45.19	43.90	45.06	43.03	44.93	44.16	44.81	44.29	44.68	44.42	44.55	44.55
64	45.91	44.59	45.78	44.73	45.65	44.86	45.52	44.99	45.39	45.12	45.26	45.26
65	46.63	45.29	46.49	45.42	46.36	45.56	46.23	45.69	46.10	45.83	45.96	45.96
66	47.34	45.99	47.21	46.12	47.07	46.26	46.94	46.40	46.80	46.53	46.67	46.67
67	48.06	46.68	47.92	46.82	47.79	46.96	47.65	47.10	47.51	47.24	47.38	47.38
68	48.18	47.38	48.64	47.53	43.50	47.66	48.36	47.80	48.22	47.94	48.08	48.08
69	49.50	48.08	49.36	48.22	49.21	48.36	49.07	48.51	48.93	48.65	48.79	48.79
70	50.21	48.77	50.07	48.92	49.93	49.06	49.78	49.21	49.64	49.35	49.50	49.50
71	50.93	49.47	50.79	49.62	50.64	49.76	50.50	49.91	50.35	50.06	50.20	50.20
72	51.65	50.17	51.50	50.32	51.35	50.47	51.21	50.61	51.06	50.76	50.91	50.91
73	52.36	50.86	52.22	51.01	52.07	51.17	51.92	51.32	51.77	51.47	51.62	51.62
74	53.08	51.56	52.93	51.71	52.78	51.87	52.63	52.02	52.48	52.17	52.33	52.33
75	53.80	52.26	53.65	52.41	53.49	52.57	53.34	52.72	53.19	52.88	53.03	53.03
76	54.52	52.95	54.36	53.11	54.21	53.27	54.05	53.43	53.90	53.58	53.74	53.74
77	55.23	53.65	55.08	53.81	54.92	53.98	54.76	54.13	54.61	54.29	54.45	54.45
78	55.95	54.35	55.79	54.51	55.63	54.67	55.47	54.83	55.31	54.99	55.15	55.15
79	56.67	55.04	56.51	55.21	56.35	55.37	56.19	55.54	56.02	55.70	55.86	55.86
80	57.39	55.74	57.22	55.91	57.06	56.07	56.90	56.24	56.73	56.40	56.57	56.57
81	58.10	56.44	57.94	56.61	57.77	56.77	57.61	56.94	57.44	57.11	57.28	57.28
82	58.82	57.13	58.65	57.30	58.49	57.47	58.32	57.64	58.15	57.81	57.98	57.98
83	59.54	57.83	59.37	58.00	59.20	58.18	59.03	58.35	58.86	58.52	58.69	58.69
84	60.25	58.53	60.08	58.70	59.91	58.88	59.74	59.05	59.57	59.22	59.40	59.40
85	60.97	59.22	60.80	59.40	60.63	59.58	60.45	59.75	60.28	59.93	60.10	60.10
86	61.69	59.92	61.51	60.10	61.34	60.23	61.16	60.46	60.99	60.63	60.81	60.81
87	62.41	60.62	62.23	60.80	62.05	60.98	61.88	61.16	61.70	61.34	61.52	61.52
88	63.12	61.31	62.95	61.50	62.77	61.68	62.59	61.86	62.41	62.04	62.23	62.23
89	63.84	62.01	63.66	62.20	63.48	62.38	63.30	62.57	63.12	62.75	62.93	62.93
90	64.56	62.71	64.38	62.89	64.19	63.08	64.01	63.27	63.82	63.45	63.64	63.64
91	65.28	63.40	65.09	63.59	64.91	63.78	64.72	63.97	64.53	64.16	64.33	64.35
92	65.99	64.10	65.81	64.29	65.62	64.48	65.43	64.67	65.24	64.86	65.05	65.05
93	66.71	64.80	66.52	68.99	66.33	65.18	66.14	65.38	65.95	65.57	65.76	65.76
94	67.43	65.49	67.24	65.69	67.05	65.89	66.85	66.08	66.66	66.27	66.47	66.47
95	68.15	66.19	67.95	66.39	67.76	66.59	67.56	66.78	67.37	66.98	67.18	67.18
96	68.86	66.89	68.67	67.09	68.47	67.29	68.28	68.49	68.08	67.68	67.88	67.88
97	69.58	67.58	69.38	67.79	69.19	67.99	68.99	68.19	68.79	68.39	68.59	68.59
98	70.30	68.68	70.60	68.49	69.90	68.69	69.70	68.89	69.50	69.09	69.30	69.30
99	71.01	68.98	70.81	69.18	70.61	69.39	70.41	69.60	70.21	69.80	70.00	70.00
100	71.73	69.68	71.53	69.88	71.33	70.09	71.12	70.30	70.92	70.51	70.71	70.71
01	72.45	70.37	72.24	70.58	72.04	70.79	71.83	71.00	71.63	71.21	71.42	71.42
02	73.17	71.07	72.96	71.28	72.75	71.49	72.54	71.70	72.33	71.92	72.13	72.13
03	73.88	71.77	73.67	71.98	73.46	72.19	73.25	72.41	73.04	72.62	72.83	72.83
04	74.68	72.46	74.39	72.68	74.18	72.89	73.97	73.11	73.75	73.33	73.54	73.54
05	75.32	73.16	75.11	73.38	74.89	73.60	74.68	73.81	74.46	74.03	74.25	74.25
06	76.04	73.86	75.82	74.08	75.60	74.30	75.39	74.52	75.17	74.74	74.95	74.95
07	76.75	74.55	76.54	74.77	76.32	75.00	76.10	75.22	75.88	75.44	75.66	75.66
08	77.47	75.25	77.25	75.47	77.03	75.70	76.81	75.92	76.59	76.15	76.37	76.37
09	78.19	75.95	77.97	76.17	77.74	76.40	77 52	76.62	77.30	76.85	77.07	77.07
110	78.91	76.64	78.68	76.87	78.46	77.10	78.23	77.33	78.01	77.56	77.78	77.78
11	79.62	77.34	79.40	77.57	79.17	77.80	78.94	78.03	78.72	78.26	78.49	78.49
12	80.34	78.04	80.11	78.27	79.89	78.50	79.66	78.73	79.43	78.97	79.20	79.20
13	81.06	78.73	80.83	78.97	80.60	79.20	80.37	79.44	80.14	79.67	79.90	79.90
14	81.77	79.43	81.54	79.67	81.31	79.90	81.08	80.14	80.84	80.38	80.61	80.61
15	82.49	80.13	82.26	80.37	82.02	80.60	81.79	80.84	81.55	81.08	81.32	81.32
16	83.21	80.82	82.97	81.06	82.74	81.31	82.50	81.55	82.26	81.79	82.02	82.02
17	83.93	81.52	83.69	81.76	83.46	82.01	83.21	82.25	82.97	82.49	82.73	82.73
18	84.64	82.22	84.40	82.46	84.16	82.71	83.92	82.95	83.68	83.20	83.44	83.44
19	85.36	82.91	85.12	83.16	84.88	83.41	84.63	89.65	84.39	83.90	84.15	84.15
120	86.08	83.61	85.83	83.86	35.59	84.11	85.35	84.36	85.10	84.61	84.85	84.85

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D
121	86.80	84.31	86.55	84.56	86.30	84.81	86.06	85.06	85.81	85.31	85.56	86.56
22	87.51	85.00	87.27	85.26	87.02	85.51	86.77	85.76	86.52	86.02	86.27	86.27
23	88.23	85.70	87.98	85.96	87.73	86.21	87.48	86.47	87.23	86.72	86.97	86.97
24	88.95	86.40	88.70	86.65	88.44	86.91	88.19	87.17	87.94	87.43	87.68	87.68
25	89.67	87.09	89.41	87 35	89.16	87.61	88.90	87.87	88.65	88.13	88.39	88.39
26	90.38	87.79	90.13	88.05	89.87	88.31	89.61	88.58	89.35	88.84	89.10	89.10
27	91.10	88.49	90.84	88.75	90.58	99.02	90.32	89.28	90.06	89.54	89.80	89.80
28	91.82	89.18	91.56	89.45	91.30	89.72	91.03	89.98	90.77	90.25	90.51	90.51
29	92.53	89.88	92.27	90.15	92.01	90.42	91.75	90.68	91.48	90.95	91.22	91.22
30	93.25	90.58	92.99	90.85	92.71	91.12	92.46	91.39	92.19	91.66	91.92	91.92
31	93.97	91.27	93.70	91.55	93.44	91.82	93.17	92.09	92.90	92.36	92.63	92.63
32	94.69	91.97	94.42	92.25	94.15	92.52	93.88	92.79	93.61	93.07	93.34	93.34
33	95.40	92.67	95.13	92.94	94.86	93.22	94.59	93.50	94.32	93.77	94.05	94.05
34	96.12	93.36	95.85	93.64	95.58	93.92	95.30	94.20	95.03	94.48	94.75	94.75
35	96.84	94.06	96.56	94.34	96.29	94.62	96.01	94.90	95.74	95.18	95.46	95.46
36	97.56	94.76	97.28	95.04	97.00	95.32	96.72	95.61	96.45	95.89	96.17	96.17
37	98.27	95.45	97.99	95.74	97.72	96.02	97.44	96.31	97.16	96.59	96.87	96.87
38	98.99	96.15	98.71	96.44	98.43	96.73	98.15	97.01	97.86	97.30	97.58	97.58
39	99.71	96.85	99.43	97.14	99.14	97.43	98.86	97.71	98.57	98.00	98.29	98.29
140	100.42	97.55	100.14	97.84	99.86	98.13	99.57	98.42	99.28	98.71	99.00	99.00
41	101.14	98.24	100.86	98.54	100.57	98.83	100.28	99.12	99.99	99.41	99.70	99.70
42	101.86	98.94	101.57	99.23	101.28	99.53	100.99	99.82	100.70	100.12	100.41	100.41
43	102.58	99.64	102.29	99.93	101.99	100.33	101.70	100.33	101.41	100.82	101.12	101.12
44	103.29	100.33	103.00	100.63	102.71	100.93	102.41	101.03	102.12	101.53	101.82	101.82
45	104.01	101.03	103.72	101.33	103.42	101.63	103.13	101.73	102.83	102.23	102.53	102.53
46	104.73	101.73	104.43	102.03	104.13	102.33	103.84	102.44	103.54	102.94	103.24	103.24
47	105.45	102.42	105.15	102.73	104.85	103.03	104.55	103.14	104.25	103.64	103.95	103.95
48	106.16	103.12	105.86	103.43	105.56	103.73	105.26	103.84	104.96	104.35	104.65	104.65
49	106.88	103.82	106.58	104.13	106.27	104.44	105.97	104.74	105.66	105.05	105.36	105.36
150	107.60	104.51	107.29	104.82	106.99	105.14	106.68	105.45	106.37	105.76	106.07	106.07
51	108.32	105.21	108.01	105.52	107.70	105.84	107.39	106.15	107.08	106.46	106.77	106.77
52	109.03	105.91	108.72	106.22	108.41	106.54	108.10	106.85	107.79	107.17	107.48	107.48
53	109.75	106.60	109.44	106.92	109.13	107.24	108.82	107.56	108.50	107.87	108.19	108.19
54	110.47	107.30	110.15	107.62	109.84	107.94	109.53	108.26	109.21	108.58	108.89	108.89
55	111.18	108.00	110.87	108.32	110.55	108.64	110.24	108.96	109.92	109.28	109.60	109.60
56	111.90	108.69	111.59	109.02	111.27	109.34	110.95	109.66	114.63	109.99	110.31	110.31
57	112.62	109.39	112.30	109.72	111.98	110.04	111.66	110.37	111.34	110.69	111.02	111.02
58	113.34	110.09	113.02	110.42	112.69	110.74	112.37	111.07	112.05	111.40	111.72	111.72
59	114.05	110.78	113.73	111.11	113.41	111.44	113.08	111.77	112.76	112.10	112.43	112.43
160	114.77	111.48	114.45	111.81	114.12	112.15	113.79	112.48	123.47	112.81	113.14	113.14
61	115.49	112.18	115.16	112.51	114.83	112.85	114.50	113.18	114.17	113.51	113.84	113.84
62	116.21	112.87	115.88	113.21	115.55	113.55	115.22	113.88	114.88	114.22	114.55	114.55
63	116.92	113.57	116.59	113.91	116.26	114.25	115.93	114.59	115.59	114.92	115.26	115.26
64	117.64	114.27	117.31	114.61	116.97	114.95	116.64	115.29	116.30	115.63	115.97	115.97
65	118.36	114.96	118.02	115.31	117.69	115.65	117.35	115.99	117.01	116.33	116.67	116.67
66	119.08	115.66	118.74	116.01	118.40	116.35	118.06	116.69	117.72	117.04	117.38	117.38
67	119.79	116.36	119.45	116.70	119.11	117.05	118.77	117.40	118.43	117.74	118.09	118.09
68	120.51	117.05	120.17	117.40	119.83	117.75	119.48	118.10	119.14	118.45	118.79	118.79
69	121.23	117.75	120.88	118.10	120.54	118.45	120.19	118.80	119.85	119.15	119.50	119.50
170	121.94	118.45	121.60	118.80	121.25	119.15	120.91	119.51	120.56	119.86	120.21	120.21
71	122.66	119.14	122.31	119.50	121.97	119.86	121.62	120.21	121.27	120.56	120.92	120.92
72	123.38	119.84	123.03	120.20	122.68	120.56	122.33	120.91	121.98	121.27	121.62	121.62
73	124.10	120.54	123.75	120.90	123.39	121.26	123.04	121.62	122.68	121.97	122.33	122.33
74	124.81	121.23	124.46	121.60	124.11	121.96	123.75	122.32	123.39	122.68	123.04	123.04
75	125.53	121.93	125.18	122.30	124.82	122.66	124.46	123.02	124.10	123.38	123.74	123.74
76	126.25	122.63	125.89	122.99	125.53	123.36	125.17	123.72	124.81	124.09	124.45	124.45
77	126.97	123.32	126.61	123.69	126.25	124.06	125.88	124.43	125.52	124.79	125.16	125.16
78	127.68	124.02	127.32	124.39	126.96	124.76	126.60	125.13	126.23	125.50	125.87	125.87
79	128.40	124.72	128.04	125.09	127.67	125.46	127.31	125.83	126.94	126.20	126.57	126.57
180	129.12	125.42	128.75	125.79	128.39	126.16	128.02	126.54	127.65	126.91	127.28	127.28

D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
50'		40'		30'		20'		10'		0'	

Dif.	10'		20'		30'		40'		50'		60'	
	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.
181	129.83	126.11	129.47	126.49	129.10	126.86	128.73	127.24	128.36	127.61	127.99	127.99
82	130.55	126.81	130.18	127.19	129.81	127.57	129.44	127.94	129.07	128.32	128.69	128.69
83	131.27	127.51	130.90	127.89	130.52	128.27	130.15	128.65	129.78	129.02	129.40	129.40
84	131.99	128.20	131.61	128.58	131.24	128.97	130.86	129.35	130.49	129.73	130.11	130.11
85	132.70	128.90	132.33	129.28	131.95	129.67	131.57	130.05	131.19	130.43	130.82	130.82
86	133.42	129.60	133.04	129.98	132.66	130.37	132.29	130.75	131.90	131.14	131.52	131.52
87	134.14	130.29	133.76	130.68	133.38	131.07	133.00	131.46	132.61	131.84	132.23	132.23
88	134.86	130.99	134.47	131.38	134.09	131.77	133.71	132.16	133.32	132.55	132.94	132.94
89	135.57	131.69	135.19	132.08	134.80	132.47	134.42	132.86	134.03	133.25	133.64	133.64
190	136.29	132.38	135.91	132.78	135.52	133.17	135.13	133.57	134.74	133.96	134.35	134.35
91	137.01	133.08	136.62	133.48	136.23	133.87	135.84	134.27	135.45	134.66	135.06	135.06
92	137.73	133.78	137.34	134.18	136.94	134.57	136.55	134.97	136.16	135.37	135.77	135.77
93	138.44	134.47	138.05	134.87	137.66	135.28	137.26	135.68	136.87	136.07	136.47	136.47
94	139.16	135.17	138.77	135.57	138.37	135.98	137.97	136.38	137.58	136.78	137.18	137.18
95	139.88	135.87	139.48	136.27	139.08	136.68	138.69	137.08	138.29	137.48	137.89	137.89
96	140.59	136.56	140.20	136.97	139.80	137.38	139.40	137.78	139.00	138.19	138.59	138.59
97	141.31	137.26	140,91	137.67	140.51	138.08	140.11	138.49	139.70	138.89	139.30	139.30
98	142.03	137.96	141.63	138.37	141.22	138.78	140.82	139.19	140.41	139.60	140.01	140.01
99	142.75	138.65	142.34	139.07	141.94	139.48	141.53	139.89	141.12	140.30	140.71	140.71
200	143.46	139.35	143.06	139.77	142.65	140.18	142.24	140.60	141.83	141.01	141.42	141.42
01	144.18	140.05	143.77	140.46	143.36	140.88	142.95	141.30	142.54	141.71	142.13	142.13
02	144.90	140.74	144.49	141.16	144.08	141.58	143.66	142.00	143.25	142.42	142.84	142.84
03	145.62	141.44	145.20	141.86	144.79	142.28	144.38	142.70	143.96	143.12	143.54	143.54
04	146.33	142.14	145.92	142.56	145.50	142.99	145.09	143.41	144.67	143.83	144.25	144.25
05	147.05	142.83	146.63	143.26	146.22	143.69	145.80	144.11	145.38	144.53	144.96	144.96
06	147.77	143.53	147.35	143.96	146.93	144.39	146.51	144.81	146.09	145.24	145.66	145.66
07	148.49	144.23	148.07	144.66	147.64	145.09	147.22	145.52	146.80	145.94	146.37	146.37
08	149.20	144.92	148.78	145.36	148.36	145.79	147.93	146.22	147.51	146.65	147.08	147.08
09	149.92	145.62	149.50	146.06	149.07	146.49	148.64	146.92	148.21	147.35	147.79	147.79
210	150.64	146.32	150.21	146.75	149.78	147.19	149.35	147.63	148.92	148.06	148.49	148.49
11	151.35	147.01	150.93	147.45	150.50	147.89	150.07	148.33	149.63	148.76	149.20	149.20
12	152.07	147.71	151.64	148.15	151.21	148.59	150.78	149.03	150.34	149.47	149.91	149.91
13	152.79	148.41	152.36	148.85	151.92	149.29	151.49	149.73	151.05	150.17	150.61	150.61
14	153.51	149.10	153.07	149.55	152.64	149.99	152.20	150.44	151.76	150.88	151.32	151.32
15	154.22	149.80	153.79	150.25	153.35	150.70	152.91	151.14	152.47	151.58	152.03	152.03
16	154.94	150.50	154.50	150.95	154.06	151.40	153.62	151.84	153.18	152.29	152.74	152.74
17	155.66	151.19	155.22	151.65	154.78	152.10	154.33	152.55	153.89	152.99	153.44	153.44
18	156.38	151.89	155.93	152.34	155.49	152.80	155.04	153.29	154.60	153.70	154.15	154.15
19	157.09	152.59	156.65	153.04	156.20	153.50	155.75	153.95	155.31	154.40	154.86	154.86
220	157.81	153.29	157.36	153.74	156.92	154.20	156.47	154.66	156.02	155.11	155.56	155.56
21	158.53	153.98	158.08	154.44	157.63	154.90	157.18	155.36	156.72	155.81	156.27	156.27
22	159.25	154.68	158.79	155.14	158.34	155.60	157.89	156.06	157.43	156.52	156.98	156.98
23	159.96	155.38	159.51	155.84	159.05	156.30	158.60	156.76	158.14	157.22	157.69	157.69
24	160.68	156.07	160.22	156.54	159.77	157.00	159.31	157.47	158.85	157.93	158.39	158.39
25	161.40	156.77	160.94	157.24	160.48	157.70	160.02	158.17	159.56	158.63	159.10	159.10
26	162.11	157.47	161.66	157.94	161.19	158.41	160.73	158.87	160.27	159.34	159.81	159.81
27	162.83	158.16	162.37	158.63	161.91	159.11	161.44	159.58	160.98	160.04	160.51	160.51
28	163.55	158.86	163.09	159.33	162.62	159.81	162.16	160.28	161.69	160.75	161.22	161.22
29	164.27	159.56	163.80	160.03	163.33	160.51	162.87	160.98	162.40	161.45	161.93	161.93
230	164.98	160.25	164.52	160.73	164.05	161.21	163.58	161.69	163.11	162.16	162.64	162.64
31	165.70	160.95	165.23	161.43	164.76	161.91	164.29	162.39	163.82	16286	163.34	163.34
32	166.42	161.65	165.95	162.13	165.47	162.61	165.00	163.09	164.53	163.57	164.05	164.05
33	167.14	162.34	166.66	162.83	166.19	163.31	165.71	163.79	165.23	164.27	164.76	164.76
34	167.85	163.04	167.38	163.53	166.90	164.01	166.42	164.50	165.94	164.98	165.46	165.46
35	168.57	163.74	168.09	164.23	167.61	164.71	167.13	165.20	166.65	165.68	166.17	166.17
36	169.29	164.43	168.81	164.92	168.33	165.41	167.85	165.90	167.36	166.39	166.88	166.88
37	170.00	165.13	169.52	165.62	169.04	166.12	168.56	166.61	168.07	167.09	167.59	167.59
38	170.72	165.83	170.24	166.32	169.75	166.82	169.27	167.31	168.78	167.80	168.29	168.29
39	171.44	166.52	170.95	167.02	170.47	167.52	169.98	168.01	169.49	168.50	169.00	169.00
240	172.16	167.22	171.67	167.72	171.18	168.22	170.69	168.72	170.20	169.21	169.71	169.71
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50'		40'		30'		20'		10'		0'	

Dig.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
241	172.87	167.92	172.38	168.42	171.89	168.92	171.40	169.42	170.91	169.91	170.41	70.41
42	173.59	168.61	173.10	169.12	172.61	169.62	172.11	170.12	171.62	170.62	171.12	171.12
43	174.31	169.31	173.82	169.82	173.32	170.32	172.82	170.82	172.33	171.32	171.83	171.83
44	175.03	170.01	174.53	170.51	174.03	171.02	173.54	171.53	173.04	172.03	172.53	172.53
45	175.74	170.70	175.24	171.21	174.75	171.72	174.25	172.23	173.74	172.73	173.24	173.24
46	176.46	171.40	175.96	171.91	175.46	172.42	174.96	172.93	174.45	173.44	173.95	173.95
47	177.18	172.10	176.68	172.61	176.17	173.12	175.67	173.64	175.16	174.14	174.66	174.66
48	177.90	172.79	177.39	173.31	176.89	173.83	176.38	174.34	175.87	174.85	175.36	175.36
49	178.61	173.49	178.11	174.01	177.60	174.53	177.09	175.04	176.58	175.55	176.07	176.07
250	179.33	174.19	178.82	174.71	178.31	175.23	177.80	175.75	177.29	176.26	176.78	176.78
51	180.05	174.88	179.54	175.41	179.03	175.93	178.51	176.45	178.00	176.96	177.48	177.48
52	180.76	175.58	180.25	176.11	179.74	176.63	179.22	177.15	178.71	177.67	178.19	178.19
53	181.48	176.28	180.97	176.80	180.45	177.33	179.94	177.85	179.42	178.37	178.90	178.90
54	182.20	176.97	181.68	177.50	181.17	178.03	180.65	178.56	180.13	179.08	179.61	179.61
55	182.92	177.67	182.40	178.20	181.88	178.73	181.36	179.26	180.84	179.78	180.31	180.31
56	183.63	178.37	183.11	178.90	182.59	179.43	182.07	179.96	181.54	180.49	181.02	181.02
57	184.35	179.06	183.83	179.60	183.31	180.13	182.78	180.67	182.25	181.19	181.73	181.73
58	185.07	179.76	184.54	180.30	184.02	180.83	183.49	181.37	182.96	181.90	182.43	182.43
59	185.79	180.46	185.26	181.00	184.73	181.54	184.20	182.07	183.67	182.60	183.14	183.14
260	186.50	181.16	185.98	181.70	185.45	182.24	184.91	182.77	184.38	183.31	183.85	183.85
61	187.22	181.85	186.69	182.39	186.16	182.94	185.63	183.48	185.09	184.01	184.56	184.56
62	187.94	182.55	187.41	183.09	186.87	183.64	186.34	184.18	185.80	184.72	185.26	185.26
63	188.66	183.25	188.12	183.79	187.58	184.34	187.05	184.88	186.51	185.42	185.97	185.97
64	189.37	183.94	188.84	184.49	188.30	185.04	187.76	185.59	187.22	186.13	186.68	186.68
65	190.09	184.64	189.55	185.19	189.01	185.74	188.47	186.29	187.93	186.83	187.38	187.38
66	190.81	185.34	190.27	185.89	189.72	186.44	189.18	186.99	188.64	187.54	188.09	188.09
67	191.52	186.03	190.98	186.59	190.44	187.14	189.89	187.70	189.35	188.24	188.80	188.80
68	192.24	186.73	191.70	187.29	191.15	187.84	190.60	188.40	190.05	188.95	189.51	189.51
69	192.96	187.43	192.41	187.99	191.86	188.54	191.32	189.10	190.76	189.65	190.21	190.21
270	193.68	188.12	193.13	188.68	192.58	189.25	192.03	189.80	191.47	190.36	190.92	190.92
71	194.39	188.32	193.84	189.38	193.29	189.95	192.74	190.51	192.18	191.06	191.63	191.63
72	195.11	189.52	194.56	190.08	194.00	190.65	193.45	191.21	192.89	191.77	192.33	192.33
73	195.83	190.21	195.27	190.78	194.72	191.35	194.16	191.91	193.60	192.47	193.04	193.04
74	196.55	190.91	195.99	191.48	195.43	192.05	194.87	192.62	194.31	193.18	193.75	193.75
75	197.26	191.61	196.70	192.18	196.14	192.75	195.58	193.32	195.02	193.88	194.46	194.46
76	197.98	192.30	197.42	192.88	196.86	193.45	196.29	194.02	195.73	194.59	195.16	195.16
77	198.70	193.00	198.14	193.58	197.57	194.15	197.01	194.73	196.44	195.29	195.87	195.87
78	199.41	193.70	198.85	194.27	198.28	194.85	197.72	195.43	197.15	196.00	196.58	196.58
79	200.13	194.39	199.57	194.97	199.00	195.55	198.43	196.13	197.86	196.70	197.28	197.28
280	200.85	195.09	200.28	195.67	199.71	196.25	199.14	196.83	198.56	197.41	197.99	197.99
81	201.57	195.79	201.00	196.37	200.42	196.96	196.85	197.54	199.27	198.11	198.70	198.70
82	202.28	196.48	201.71	197.07	201.14	197.66	200.56	198.24	199.98	198.82	199.41	199.41
83	203.00	197.18	202.43	197.77	201.85	198.36	201.27	198.94	200.69	199.52	200.11	200.11
84	203.72	197.88	203.14	198.47	202.56	199.06	201.98	199.65	201.40	200.23	200.82	200.82
85	204.44	198.57	203.86	199.17	203.28	199.76	202.69	200.35	202.11	201.93	201.53	201.53
86	205.15	199.27	204.57	199.87	203.99	200.46	203.41	201.05	202.82	201.64	202.23	202.23
87	205.87	199.97	205.29	200.56	204.70	201.16	204.12	201.76	203.53	202.34	202.94	202.94
88	206.59	200.66	206.00	201.26	205.42	201.86	204.83	202.46	204.24	203.05	203.65	203.65
89	207.31	201.36	206.72	201.96	206.13	202.56	205.54	203.16	204.95	203.75	204.35	204.35
290	208.02	202.06	207.43	202.66	206.84	203.26	206.25	203.86	205.66	204.46	205.06	205.06
91	208.74	202.75	208.15	203.36	207.56	203.96	206.96	204.57	206.37	205.16	205.77	205.77
92	209.46	203.45	208.86	204.06	208.27	204.67	207.67	205.27	207.07	205.87	206.48	206.48
93	210.17	204.15	209.58	204.76	208.98	205.37	208.38	205.97	207.78	206.57	207.18	207.18
94	210.89	204.84	210.30	205.46	209.70	206.07	209.10	206.68	208.49	207.28	207.89	207.89
95	211.61	205.54	211.01	206.15	210.41	206.77	209.81	207.38	209.20	207.98	208.60	208.60
96	212.33	206.24	211.73	206.85	211.12	207.47	210.52	208.08	209.91	208.69	209.30	209.30
97	213.04	206.93	212.44	207.55	211.84	208.17	211.23	208.79	210.62	209.39	210.01	210.01
98	213.76	207.63	213.16	208.25	212.55	208.87	211.94	209.49	211.33	210.10	210.72	210.72
99	214.48	208.33	213.87	208.95	213.26	209.57	212.65	210.19	212.04	210.80	211.43	211.43
300	215.20	209.03	214.59	209.65	213.98	210.27	213.36	210.89	212.75	211.51	212.13	121.28

	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

TABLE II.

BEING A

TRAVERSE TABLE

OF

QUARTER POINTS,

WHEREIN THE DISTANCE IS GIVEN FROM

1 to 300.

0 Points.

Diff.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	1 Point. L.	1 Point. D.
1	1.00	0.05	1.00	0.10	0.99	0.15	0.98	0.20
2	2.00	0.10	1.99	0.20	1.98	0.29	1.96	0.39
3	3.00	0.15	2.99	0.29	2.97	0.44	2.94	0.59
4	4.00	0.20	3.98	0.39	3.96	0.59	3.92	0.78
5	4.99	0.25	4.98	0.49	4.95	0.73	4.90	0.98
6	5.99	0.29	5.97	0.59	5.94	0.88	5.68	1.17
7	6.99	0.34	6.97	0.69	6.92	1.03	6.87	1.37
8	7.99	0.39	7.96	0.78	7.91	1.17	7.85	1.56
9	8.99	0.44	8.96	0.88	8.90	1.32	8.83	1.76
10	9.99	0.49	9.95	0.98	9.89	1.47	9.81	1.95
11	10.99	0.54	10.95	1.08	10.88	1.61	10.79	2.15
12	11.99	0.59	11.94	1.18	11.87	1.76	11.76	2.34
13	12.98	0.64	12.94	1.27	12.86	1.91	12.75	2.54
14	13.98	0.69	13.93	1.37	13.85	2.05	13.73	2.73
15	14.98	0.74	14.93	1.47	14.84	2.20	14.71	2.93
16	15.98	0.79	15.92	1.57	15.83	2.35	15.69	3.12
17	16.98	0.83	16.92	1.67	16.82	2.49	16.67	3.32
18	17.98	0.88	17.91	1.76	17.81	2.64	17.65	3.51
19	18.98	0.93	18.91	1.86	18.79	2.79	18.64	3.71
20	19.98	0.98	19.90	1.96	19.78	2.93	19.62	3.90
21	20.98	1.03	20.90	2.06	20.77	3.08	20.60	4.10
22	21.97	1.08	21.89	2.16	21.76	3.23	21.58	4.29
23	22.97	1.13	22.89	2.25	22.75	3.37	22.56	4.49
24	23.97	1.18	23.88	2.35	23.74	3.52	23.54	4.68
25	24.97	1.23	24.88	2.45	24.73	3.67	24.52	4.88
26	25.97	1.28	25.87	2.55	25.72	3.81	25.50	5.07
27	26.97	1.32	26.87	2.65	26.71	3.96	26.48	5.27
28	27.97	1.37	27.87	2.74	27.70	4.11	27.46	5.46
29	28.97	1.42	28.86	2.84	28.69	4.26	28.44	5.66
30	29.96	1.47	29.86	2.94	29.68	4.40	29.42	5.85
31	30.96	1.52	30.85	3.04	30.66	4.55	30.40	6.05
32	31.96	1.57	31.85	3.14	31.65	4.70	31.39	6.24
33	32.96	1.62	32.84	3.23	32.64	4.84	32.37	6.44
34	33.96	1.67	33.84	3.33	33.63	4.99	33.35	6.63
35	34.96	1.72	34.83	3.43	34.62	5.14	34.33	6.83
36	35.96	1.77	35.83	3.53	35.61	5.28	35.31	7.02
37	36.96	1.82	36.82	3.63	36.60	5.43	36.29	7.22
38	37.95	1.86	37.82	3.72	37.59	5.58	37.27	7.41
39	38.95	1.91	38.81	3.82	38.58	5.72	38.25	7.61
40	39.95	1.96	39.81	3.92	39.57	5.87	39.23	7.80
41	40.95	2.01	40.80	4.02	40.56	6.02	40.21	8.00
42	41.95	2.06	41.80	4.12	41.55	6.16	41.19	8.19
43	42.95	2.11	42.79	4.21	42.53	6.31	42.17	8.39
44	43.95	2.16	43.79	4.31	43.52	6.46	43.15	8.58
45	44.95	2.21	44.78	4.41	44.51	6.60	44.14	8.78
46	45.95	2.26	45.78	4.51	45.50	6.75	45.12	8.97
47	46.94	2.31	46.77	4.61	46.49	6.90	46.10	9.17
48	47.94	2.36	47.77	4.70	47.48	7.04	47.08	9.36
49	48.94	2.40	48.76	4.80	48.47	7.19	48.06	9.56
50	49.94	2.45	49.76	4.90	49.46	7.34	49.04	9.75
51	50.94	2.50	50.75	5.00	50.45	7.48	50.02	9.95
52	51.94	2.55	51.75	5.10	51.44	7.63	51.00	10.14
53	52.94	2.60	52.74	5.20	52.43	7.78	51.98	10.34
54	53.94	2.65	53.74	5.29	53.42	7.92	52.96	10.53
55	54.93	2.70	54.73	5.39	54.40	8.07	53.94	10.73
56	55.93	2.75	55.73	5.49	55.39	8.22	54.92	10.93
57	56.93	2.80	56.73	5.59	56.38	8.36	55.91	11.12
58	57.93	2.85	57.72	5.69	57.37	8.51	56.89	11.32
59	58.93	2.90	58.72	5.78	58.36	8.66	57.87	11.51
60	59.93	2.94	59.71	5.88	59.35	8.80	58.80	11.71
	D. ¼	L. ¼	D. ½	L. ½	D. ¾	L. ¾	D. 0	L. 0

7 Points.

0 Points.

Dif.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	1 Point. L.	1 Point. D.
61	60.93	2.99	60.71	5.98	60.34	8.95	59.83	11.90
62	61.93	3.04	61.70	6.08	61.33	9.10	60.81	12.10
63	62.93	3.09	62.70	6.18	62.32	9.24	61.79	12.29
64	63.92	3.14	63.69	6.27	63.31	9.39	62.77	12.49
65	64.92	3.19	64.69	6.37	64.30	9.54	63.75	12.68
66	65.92	3.24	65.68	6.47	65.29	9.68	64.73	12.88
67	66.92	3.29	66.68	6.57	66.27	9.83	65.71	13.07
68	67.92	3.34	67.67	6.67	67.26	9.98	66.69	13.27
69	68.92	3.39	68.67	6.76	68.25	10.12	67.67	13.46
70	69.92	3.43	69.66	6.86	69.24	10.27	68.66	13.66
71	70.92	3.48	70.66	6.96	70.23	10.42	69.64	13.85
72	71.91	3.53	71.65	7.06	71.22	10.56	70.62	14.05
73	72.91	3.58	72.65	7.16	72.21	10.71	71.60	14.24
74	73.91	3.63	73.64	7.25	73.20	10.86	72.58	14.44
75	74.91	3.68	74.64	7.35	74.19	11.00	73.56	14.63
76	75.91	3.73	75.63	7.45	75.18	11.15	74.54	14.83
77	76.91	3.78	76.63	7.55	76.17	11.30	75.52	15.02
78	77.91	3.83	77.62	7.65	77.16	11.44	76.50	15.22
79	78.91	3.88	78.62	7.74	78.14	11.59	77.48	15.41
80	79.90	3.93	79.61	7.84	79.13	11.74	78.46	15.61
81	80.90	3.97	80.61	7.94	80.12	11.89	79.44	15.80
82	81.90	4.02	81.60	8.04	81.11	12.03	80.42	16.00
83	82.90	4.07	82.60	8.14	82.10	12.18	81.41	16.19
84	83.90	4.12	83.60	8.23	83.09	12.33	82.39	16.39
85	84.90	4.17	84.59	8.33	84.08	12.47	83.37	16.58
86	85.90	4.22	85.59	8.43	85.07	12.62	84.35	16.78
87	86.90	4.27	86.58	8.53	86.06	12.77	85.33	16.97
88	87.90	4.32	87.58	8.63	87.05	12.91	86.31	17.17
89	88.89	4.37	89.57	8.72	88.04	13.06	87.29	17.36
90	89.89	4.42	89.57	8.82	89.03	13.21	88.27	17.56
91	90.89	4.47	90.56	8 92	90.01	13.35	89.25	17.75
92	91.89	4.51	91.56	9.. 2	91.00	13.50	90.23	17.95
93	92.89	4.56	92.55	9.12	91.99	13.65	91.21	18.14
94	93.89	4.61	93.55	9.21	92.98	13.79	92.19	18.34
95	64.89	4.66	94.54	9,31	93.97	13,94	93.18	18.53
96	95.89	4.71	95.54	9.41	94.96	14.09	94.16	18.73
97	96.88	4.76	96.53	9.51	95.95	14.23	95.14	18.92
98	97.88	4.81	97.53	9.. 1	96.94	14.38	96.12	19.12
99	98.88	4.86	98.52	9.70	97.93	14.53	97.10	19.31
100	99.88	4.91	99.52	9.80	98.92	14.67	98.08	19.51
01	100.88	4.96	100.51	9.90	99.91	14.82	99.06	19.70
02	101.88	5.01	101.51	10.00	100.90	14.97	100.04	19.90
05	192.88	5.05	102.50	10.10	101.38	15.11	101.02	20.09
03	103.88	5.10	103.56	10.19	102.87	15.26	102.00	20.29
04	104.88	5.15	104.49	10.29	103.86	15,41	102.98	20.48
06	105.87	5.20	105.49	10.39	104.85	15.55	103.96	20.68
07	106.87	5.25	106.48	10.49	105.84	15.70	104.94	20.87
08	107.87	5.30	107.48	10.59	106.83	15.85	105.93	21.07
09	108.87	5.35	108.47	10.68	107.82	15.99	106.91	21.26
110	109.87	5.40	109.47	10.78	108.81	16.14	107.89	21.46
11	110.87	5.45	110.46	10.88	109.80	16.29	108.87	21.65
12	111.87	5.50	111.46	10.98	110.79	16.43	109.85	21.85
13	112.87	5.54	112.46	11.08	111.78	16.58	110.83	22.04
14	113.86	5.59	113.45	11.17	112.77	16.73	111.81	22.24
15	114.86	5.64	114.45	11.27	113.75	16.87	112.79	22.43
16	115.86	5.69	115.44	11.37	114.74	17.02	113.77	22.63
17	116.86	5.74	116.44	11.47	115.73	17.17	114.75	22.82
18	117.86	5.79	117.43	11.57	116.72	17.31	115.73	23.02
19	118.86	5.84	118.43	11.66	117.71	17.46	116.71	23.22
120	119.86	5.89	119.42	11.76	118.70	17.61	117.69	23.41

L.	D.	L.	D.	L.	D.	L.	D.
¼		½		¾		0	

7 Points.

0 Points.

Dif.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	1 Point, L.	1 Point, D.
121	120.86	5.94	120.42	11.86	119.69	17.75	118.68	23.61
22	121.85	5.99	121.41	11.96	120.68	17.90	119.66	23.80
23	122.85	6.04	122.41	12.06	121.67	18.05	120.64	24.00
24	123.85	6.08	123.40	12.15	122.66	18.19	121.62	24.19
25	124.85	6.13	124.40	12.25	123.65	18.34	122.60	24.39
26	125.85	6.18	125.39	12.35	124.64	18.49	123.58	24.58
27	126.85	6.23	126.39	12.45	125.62	18.63	124.56	24.78
28	127.85	6.28	127.38	12.55	126.61	18.78	125.54	24.97
29	128.85	6.33	128.38	12.64	127.60	18.93	126.52	25.17
130	129.85	6.38	129.37	12.74	128.59	19.07	127.50	25.36
31	130.84	6.43	130.37	12.84	129.58	19.22	128.48	25.56
32	131.84	6.48	131.36	12.94	130.57	19.37	129.46	25.75
33	132.84	6.53	132.36	13.04	131.56	19.52	130.45	25.95
34	133.84	6.58	133.35	13.13	132.55	19.66	131.43	26.14
35	134.84	6.62	134.35	13.23	133.54	19.81	132.41	26.34
36	135.84	6.67	135.34	13.33	134.53	19.96	133.39	26.53
37	136.84	6.72	136.34	13.43	135.52	20.10	134.27	26.73
38	137.84	6.77	137.33	13.53	136.51	20.25	135.35	26.92
39	138.83	6.82	138.33	13.62	137.49	20.40	136.33	27.12
140	139.83	6.87	139.33	13.72	138.48	20.54	137.31	27.31
41	140.83	6.92	140.32	13.82	139.47	20.69	138.29	27.51
42	141.83	6.97	141.32	13.92	140.46	20.84	139.27	27.70
43	142.83	7.02	142.31	14.02	141.45	20.98	140.25	27.90
44	143.83	7.07	143.31	14.11	142.44	21.13	141.23	28.09
45	144.83	7.12	144.30	14.21	143.43	21.28	142.21	28.29
46	145.83	7.16	145.30	14.31	144.42	21.42	143.20	28.48
47	146.83	7.21	146.29	14.41	145.41	21.57	144.18	28.68
48	147.82	7.26	147.29	14.51	146.40	21.72	145.16	28.87
49	148.82	7.31	148.28	14.60	147.39	21.86	146.14	29.07
150	149.82	7.36	149.28	14.70	148.38	22.01	147.12	29.26
51	150.82	7.41	150.27	14.80	149.36	22.16	148.10	29.46
52	151.82	7.46	151.27	14.90	150.35	22.30	149.08	29.65
53	152.82	7.51	152.26	15.00	151.34	22.45	150.06	29.85
54	153.82	7.56	153.26	15.10	152.33	22.60	151.04	30.04
55	154.82	7.61	154.25	15.19	153.32	22.74	152.02	30.24
56	155.81	7.65	155.25	15.29	154.31	22.89	153.00	30.43
57	156.81	7.70	156.24	15.39	155.30	23.04	153.98	30.63
58	157.81	7.75	157.24	15.49	156.29	23.18	154.96	30.82
59	158.81	7.80	158.23	15.59	157.28	23.33	155.95	31.02
160	159.81	7.85	159.23	15.68	158.27	23.48	156.93	31.21
61	160.81	7.90	160.22	15.78	159.26	23.62	157.91	31.41
62	161.81	7.95	161.22	15.88	160.25	23.77	158.89	31.60
63	162.81	8.00	162.21	15.98	161.23	23.92	159.87	31.80
64	163.80	8.05	163.21	16.08	162.22	24.06	160.85	31.99
65	164.80	8.10	164.20	16.17	163.21	24.21	161.83	32.19
66	165.80	8.15	165.20	16.27	164.20	24.36	162.81	32.38
67	166.80	8.19	166.20	16.37	165.19	24.50	163.79	32.58
68	167.80	8.24	167.19	16.47	166.18	24.65	164.77	32.78
69	168.80	8.29	168.19	16.57	167.18	24.80	165.75	32.97
170	169.80	8.34	169.18	16.66	166.16	24.94	166.73	33.17
71	170.80	8.39	170.18	16.76	169.15	25.09	167.72	33.36
72	171.80	8.44	171.17	16.86	170.14	25.24	168.70	33.56
73	172.79	8.49	172.17	16.96	171.13	25.38	169.68	33.75
74	173.79	8.54	173.16	17.06	172.12	25.53	170.66	33.95
75	174.79	8.59	174.16	17.15	173.10	25.68	171.64	34.14
76	175.79	8.64	175.15	17.25	174.09	25.82	172.62	34.34
77	176.79	8.69	176.15	17.35	175.08	25.97	173.60	34.53
78	177.79	8.73	177.14	17.45	176.07	26.12	174.58	34.73
79	178.79	8.78	178.14	17.55	177.06	26.26	175.56	34.92
180	179.79	8.83	179.13	17.64	178.05	26.41	176.54	35.12
	D.	L.	D.	L.	D.	L.	D.	L.
	¼		½		¼		0	

7 Points.

0 Points.

Dist.	¼ L.	¼ D.	½ L.	½ D	¾ L.	¾ D.	1 Point. L.	1 Point. D.
181	180.78	8.88	180.13	17.74	179.04	26.56	177.52	35.31
82	181.78	8.93	181.12	17.84	180.03	26.70	178.50	35.51
83	182.78	8.98	182.12	17.94	181.02	26.85	179.48	35.70
84	183.78	9.03	183.11	18.04	182.01	27.00	180.47	35.90
85	184.78	9.08	184.11	18.13	183.00	27.15	181.45	36.09
86	185.78	9.13	185.10	18.23	183.99	27.29	182.43	36.29
87	186.78	9.18	186.10	18.33	184.97	27.44	183.41	36.48
88	187.78	9.23	187.09	18.43	185.96	27.59	184.39	36.68
89	188.78	9.27	188.09	18.53	186.95	27.73	185.37	36.87
190	189.77	9.32	189.08	18.62	187.94	27.88	186.35	37.07
91	190.77	9.37	190.08	18.72	188.93	28.03	187.33	37.26
92	191.77	9.42	191.07	18.82	189.92	28.17	188.31	37.46
93	192.77	9.47	192.07	18.92	190.91	28.32	189.29	37.65
94	193.77	9.52	193.06	19.02	191.90	28.47	190.27	37.85
95	194.77	9.57	194.06	19.11	192.89	28.61	191.25	38.04
96	195.77	9.62	195.06	19.21	193.88	28.76	192.23	38.24
97	196.77	9.67	196.05	19.31	194.87	28.91	193.22	38.43
98	197.76	9.72	197.05	19.41	195.86	29.05	194.20	38.63
99	198.76	9.76	198.04	19.51	196.84	29.20	195.18	38.82
200	199.76	9.81	199.04	19.60	197.83	29.35	196.16	39.02
01	200.76	9.86	200.03	19.70	198.82	29.49	197.14	39.21
02	201.76	9.91	201.03	19.80	199.81	29.64	198.12	39.41
03	202.76	9.96	202.02	19.90	200.80	29.79	199.10	39.60
04	203.76	10.01	203.02	20.00	201.79	29.93	200.08	39.80
05	204.76	10.06	204.01	20.09	202.78	30.08	201.06	39.99
06	205.75	10.11	205.01	20.19	203.77	30.23	202.04	40.19
07	206.75	10.16	206.00	20.29	204.76	30.37	203.02	40.38
08	207.75	10.21	207.00	20.39	205.75	30.52	204.00	40.58
09	208.75	10.26	207.99	20.49	206.74	30.67	204.98	40.77
210	209.75	10.30	208.99	20.58	207.73	30.81	205.97	40.97
1	210.75	10.35	209.98	20.68	208.71	30.95	206.95	41.16
12	211.75	10.40	210.98	20.78	209.70	31.11	207.93	41.36
13	212.75	10.45	211.97	20.88	210.69	31.25	208.91	41.55
14	213.75	10.50	212.97	20.98	211.68	31.40	209.89	41.75
15	214.74	10.55	213.96	21.07	212.67	31.55	210.87	41.94
16	215.74	10.60	214.96	21.17	213.66	31.69	211.85	42.14
17	216.74	10.65	215.95	21.27	214.65	31.84	212.83	42.33
18	217.74	10.70	216.95	21.37	215.64	31.99	213.81	42.53
19	218.74	10.75	217.94	21.47	216.63	32.13	214.79	42.72
220	219.74	10.80	218.94	21.56	217.62	32.28	215.77	42.92
21	220.74	10.84	219.93	21.66	218.61	32.43	216.75	43.11
22	221.74	10.89	220.93	21.76	219.60	32.57	217.74	43.31
23	222.73	10.94	221.93	21.86	220.58	32.72	218.72	43.51
24	223.73	10.99	222.92	21.96	221.57	32.87	219.70	43.70
25	224.73	11.04	223.92	22.05	222.56	33.01	220.68	43.90
26	225.73	11.09	224.91	22.15	223.55	33.16	221.66	44.09
27	226.73	11.14	225.91	22.25	224.54	33.31	222.64	44.29
28	227.73	11.19	226.90	22.35	225.53	33.45	223.62	44.48
29	228.73	11.24	227.90	22.45	226.52	33.60	224.60	44.68
230	229.73	11.29	228.89	22.54	227.51	33.75	225.58	44.87
31	230.73	11.34	229.89	22.64	228.50	33.89	226.56	45.07
32	231.72	11.38	230.88	22.74	229.49	34.04	227.54	45.26
33	232.72	11.43	231.88	22.84	230.48	34.19	228.52	45.46
34	233.72	11.48	232.87	22.94	231.47	34.33	229.50	45.65
35	234.72	11.53	233.87	23.03	232.45	34.48	230.49	45.85
36	235.72	11.58	234.86	23.13	233.44	34.63	231.47	46.04
37	236.72	11.63	235.86	23.23	234.43	34.78	232.45	46.24
38	237.72	11.68	236.85	23.33	235.42	34.92	233.43	46.43
39	238.72	11.73	237.85	23.43	236.41	35.07	234.41	46.63
240	239.71	11.78	238.84	23.52	237.40	35.22	235.39	46.82
	D. ¼	L. ¼	D. ½	L. ½	D. ¾	L. ¾	D. 0	L. 0

7 Points.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	1 Point. L.	1 Point. D.
241	240.71	11.83	239.84	23.62	238.39	35.36	236.37	47.02
42	241.71	11.87	240.83	23.72	239.38	35.51	237.35	47.21
43	242.71	11.92	241.83	23.82	240.37	35.66	238.33	47.41
44	243.71	11.97	242.82	23.92	241.36	35.80	239.31	47.60
45	244.71	12.02	243.82	24.01	242.35	35.95	240.29	47.80
46	245.71	12.07	244.82	24.11	243.33	36.10	241.27	47.99
47	246.71	12.12	245.41	24.21	244.32	36.24	242.26	48.19
48	247.71	12.17	246.80	24.31	245.31	36.39	243.24	48.38
49	248.70	12.22	247.80	24.41	246.30	36.54	244.22	48.58
250	249.70	12.27	248.80	24.51	247.29	36.68	245.20	48.77
51	250.70	12.32	249.79	24.60	248.28	36.83	246.18	48.97
52	251.70	12.37	250.79	24.70	249.27	36.98	247.16	49.16
53	252.70	12.41	251.78	24.80	250.26	37.12	248.14	49.36
54	253.70	12.46	252.78	24.90	251.25	37.27	249.12	49.55
55	254.70	12.51	253.77	25.00	252.24	37.42	250.10	49.75
56	255.70	12.56	254.77	25.09	253.23	37.56	251.08	49.94
57	256.69	12.61	255.76	25.19	254.22	37.71	252.06	50.14
58	257.69	12.66	256.76	25.29	255.21	37.86	253.04	50.33
59	258.69	12.71	257.75	25.39	256.20	38.00	254.02	50.53
260	259.69	12.76	258.75	25.49	257.18	38.15	255.01	50.72
61	260.69	12.81	259.74	25.58	258.17	38.30	255.99	50.92
62	261.69	12.86	260.74	25.68	259.16	38.44	256.97	51.11
63	262.69	12.91	261.73	25.78	260.15	38.59	257.95	51.31
64	263.69	12.95	262.73	25.88	261.14	38.74	258.93	51.50
65	264.68	13.00	263.72	25.98	262.13	38.88	259.91	51.70
66	265.68	13.05	264.72	26.07	263.12	39.03	260.89	51.89
67	266.68	13.10	265.71	26.17	264.11	39.18	261.87	52.09
68	267.68	13.15	266.71	26.27	265.10	39.32	262.85	52.28
69	268.68	13.20	267.70	26.37	266.09	39.47	263.83	52.48
270	269.68	13.25	268.70	26.47	267.08	39.62	264.81	52.67
71	270.68	13.30	269.69	26.56	268.07	39.76	265.79	52.87
72	271.68	13.35	270.69	26.66	269.05	39.91	266.77	53.06
73	272.68	13.40	271.68	26.76	270.04	40.06	267.76	53.26
74	273.67	13.45	272.68	26.86	271.03	40.20	268.74	53.45
75	274.67	13.49	273.67	26.96	272.02	40.35	269.72	53.65
76	275.67	13.54	274.67	27.05	273.01	40.50	270.70	53.84
77	276.67	13.59	275.66	27.15	274.00	40.64	271.68	54.04
78	277.67	13.64	276.66	27.25	274.99	40.79	272.66	54.24
79	278.67	13.69	277.66	27.35	275.98	40.94	273.64	54.43
280	279.67	13.74	278.65	27.45	276.97	41.08	274.62	54.63
81	280.67	13.79	279.65	27.54	277.96	41.23	275.60	54.82
82	281.66	13.84	280.64	27.64	278.95	41.38	276.58	55.02
83	282.66	13.89	281.64	27.74	279.94	41.52	277.56	55.21
84	283.66	13.94	282.63	27.84	280.92	41.67	278.54	55.41
85	284.66	13.98	283.63	27.94	281.91	41.82	279.53	55.60
86	285.66	14.03	284.62	28.03	282.90	41.96	280.51	55.80
87	286.66	14.08	285.62	28.13	283.89	42.11	281.49	55.99
88	287.66	14.13	286.61	28.28	284.88	42.26	282.47	56.19
89	288.66	14.18	287.61	28.33	285.87	42.40	283.45	56.38
290	289.65	14.23	288.60	28.43	286.86	42.55	284.43	56.58
91	290.65	14.28	289.60	28.52	287.85	42.70	285.41	56.77
92	291.65	14.33	290.59	28.62	288.84	42.85	286.39	56.97
93	292.65	14.38	291.59	28.72	289.83	42.99	287.37	57.16
94	293.65	14.43	292.58	28.82	290.82	43.14	288.35	57.36
95	294.65	14.48	293.58	28.92	291.81	43.29	289.33	57.55
96	295.65	14.52	294.57	29.01	292.79	43.43	290.31	57.75
97	296.65	14.57	295.57	29.11	293.78	43.58	291.29	57.94
98	297.65	14.62	296.56	29.21	294.77	43.73	292.28	58.14
99	298.64	14.67	297.56	29.31	295.76	43.87	293.26	58.33
300	299.64	14.72	298.55	29.41	296.75	44.02	294.24	58.53
	D. L. ¾		D. L. ½		D. L. ¼		D. L. 0	

1 Points.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	2 Points. L.	2 Points. D.
1	0.97	0.24	0.96	0.29	0.94	0.34	0.92	0.38
2	1.94	0.49	1.91	0.58	1.88	0.67	1.85	0.77
3	2.91	0.73	2.87	0.87	2.82	1.01	2.77	1.15
4	3.88	0.97	3.83	1.16	3.77	1.35	3.70	1.53
5	4.85	1.21	4.78	1.45	4.71	1.68	4.62	1.91
6	5.82	1.46	5.74	1.73	5.65	2.02	5.54	2.30
7	6.79	1.70	6.76	2.03	6.59	2.36	6.47	2.68
8	7.76	1.94	7.66	2.32	7.53	2.70	7.39	3.06
9	8.73	2.19	8.61	2.61	8.47	3.03	8.31	3.44
10	9.70	2.43	9.57	2.90	9.42	3.37	9.24	3.83
11	10.67	2.67	10.53	3.19	10.36	3.71	10.16	4.21
12	11.64	2.92	11.48	3.48	11.30	4.04	11.09	4.59
13	12.61	3.16	12.44	3.77	12.24	4.38	12.01	4.98
14	13.58	3.40	13.40	4.06	13.18	4.72	12.93	5.36
15	14.55	3.64	14.35	4.35	14.12	5.05	13.86	5.74
16	15.52	3.89	15.31	4.64	15.06	5.39	14.78	6.12
17	16.49	4.13	16.27	4.93	16.01	5.73	15.71	6.51
18	17.46	4.37	17.22	5.23	16.95	6.06	16.63	6.89
19	18.43	4.62	18.18	5.52	17.89	6.40	17.55	7.27
20	18.40	4.86	19.14	5.81	18.83	6.74	18.48	7.65
21	20.37	5.10	20.10	6.10	19.77	7.07	19.40	8.04
22	21.34	5.35	21.05	6.39	20.71	7.41	20.33	8.42
23	22.31	5.59	22.01	6.68	21.65	7.75	21.25	8.80
24	23.28	5.83	22.97	6.97	22.60	8.09	22.17	9.18
25	24.25	6.07	23.92	7.26	23.54	8.42	23.10	9.57
26	25.22	6.32	24.88	7.55	24.48	8.76	24.02	9.95
27	26.19	6.56	25.84	7.84	25.42	9.10	24.94	10.33
28	27.16	6.80	26.79	8.13	26.36	9.43	25.87	10.72
29	28.13	7.05	27.75	8.42	27.30	9.77	26.79	11.10
30	29.10	7.29	28.71	8.71	28.25	10.11	27.72	11.48
31	30.07	7.53	29.67	9.00	29.19	10.44	28.64	11.86
32	31.04	7.78	30.62	9.29	30.13	10.78	29.56	12.25
33	32.01	8.02	31.58	9.58	31.07	11.12	30.49	12.63
34	32.98	8.26	32.54	9.87	32.01	11.45	31.41	13.01
35	33.95	8.50	33.49	10.16	32.95	11.79	32.33	13.39
36	34.92	8.75	34.45	10.45	33.90	12.13	33.26	13.78
37	35.89	8.99	35.41	10.74	34.84	12.46	34.18	14.16
38	36.86	9.23	36.36	11.03	35.78	12.80	35.11	14.54
39	37.83	9.48	37.32	11.32	36.72	13.14	36.03	14.92
40	38.80	9.72	38.28	11.61	37.66	13.48	36.96	15.31
41	39.77	9.96	39.23	11.90	38.60	13.81	37.88	15.69
42	40.74	10.21	40.19	12.19	39.54	14.15	38.80	16.07
43	41.71	10.45	41.15	12.48	40.49	14.49	39.73	16.46
44	42.68	10.69	42.11	12.77	41.43	14.82	40.65	16.84
45	43.65	10.93	43.06	13.06	42.37	15 16	41.57	17.22
46	44.62	11.18	44.02	13.35	43.31	15.50	42.50	17.60
47	45.59	11.42	44.98	13.64	44.25	15.83	43.42	17.99
48	46.56	11.66	45.93	13.93	45.19	16.17	44.35	18.37
49	47.53	11.91	46.89	14.22	46.14	16.51	45.27	18.75
50	48.50	12.15	47.85	14.51	47.08	16.84	46.19	19.13
51	49.47	12.39	48.80	14.80	48.02	17.18	47.12	19.52
52	50.44	12.63	48.76	15.09	48.96	17.52	48.04	19.90
53	51.41	12.88	50.72	15.38	49.90	17.86	48.96	20.28
54	52.38	13.12	51.67	15.68	50.84	18.19	49.89	20.66
55	53.35	13.36	52.63	15.97	51.78	18.53	50.81	21.05
56	54.32	13.61	53.59	16.26	52.73	18.87	51.74	21.43
57	55.29	13.85	54.55	16.55	53.67	19.20	52.66	21.81
58	56.26	14.09	55.50	16.84	54.61	19.54	53.59	22.20
59	57.23	14.34	56.46	17.13	55.55	19.88	54.51	22.58
60	58.20	14.58	57.42	17.42	56.49	20.21	55.43	22.96
	D. ¼	L. ¼	D. ½	L. ½	D. ¾	L. ¾	D. 0	L. 0

1 Point.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	2 Points, L.	2 Points, D.
61	59.17	14.82	58.37	17.71	57.45	20.55	56.36	23.3
62	60.14	15.06	59.33	18.00	58.38	20.89	57.28	23.73
63	61.11	15.31	60.29	18.29	59.32	21.22	58.20	24.11
64	62.08	15.55	61.24	18.58	60.26	21.56	59.13	24.49
65	63.05	15.79	62.20	18.87	61.20	21.90	60.05	24.87
66	64.02	16.04	63.16	19.16	62.14	22.23	60.98	25.26
67	64.99	16.28	64.11	19.45	63.08	22.57	61.90	25.64
68	65.96	16.52	65.07	19.74	64.02	22.91	62.82	26.02
69	66.93	16.77	66.03	20.03	64.97	23.25	63.75	26.40
70	67.90	17.01	66.99	20.32	65.91	23.58	64.67	26.79
71	68.87	17.25	67.94	20.61	66.85	23.92	65.60	27.17
72	69.85	17.49	68.90	20.90	67.79	24.26	66.52	27.55
73	70.82	17.74	69.86	21.19	68.73	24.59	67.44	27.94
74	71.79	17.98	70.81	21.48	69.67	24.93	68.37	28.32
75	72.76	18.22	71.77	21.77	70.62	25.27	69.29	28.70
76	73.73	18.47	72.73	22.06	71.56	25.60	70.21	29.08
77	74.70	18.71	73.68	22.35	72.50	25.94	71.14	29.47
78	75.67	18.95	74.64	22.64	73.44	26.28	72.06	29.85
79	76.64	19.20	75.60	22.93	74.38	26.61	72.99	30.23
80	77.61	19.44	76.56	23.22	75.32	26.95	73.91	30.61
81	78.58	19.68	77.51	23.51	76.26	27.29	74.83	31.00
82	79.55	19.92	78.47	23.80	77.21	27.62	75.76	31.38
83	80.52	20.17	79.43	24.09	78.15	27.96	76.68	31.76
84	81.49	20.41	80.38	24.38	79.09	28.30	77.61	32.15
85	82.46	20.65	81.34	24.67	80.03	28.64	78.53	32.53
86	83.43	20.90	82.30	24.96	80.97	28.97	79.45	32.91
87	84.40	21.14	83.25	25.25	81.91	29.31	80.38	33.29
88	85.47	21.38	84.21	25.54	82.86	29.65	81.30	33.68
89	86.34	21.63	85.17	25.83	83.80	29.98	82.23	34.06
90	87.31	21.87	86.12	26.13	84.74	30.32	83.15	34.44
91	88.28	22.11	87.08	26.42	85.68	30.66	84.07	34.82
92	89.25	22.35	88.04	26.71	86.62	30.99	85.00	35.21
93	90.22	22.60	89.00	27.00	87.56	31.33	85.92	35.59
94	91.19	22.84	89.95	27.29	88.50	31.67	86.84	35.97
95	92.16	23.08	90.91	27.58	89.45	32.00	87.77	36.35
96	93.13	23.33	91.87	27.87	90.39	32.34	88.69	36.74
97	94.10	23.57	92.82	28.16	91.33	32.68	89.62	37.12
98	95.07	23.81	93.78	28.45	92.27	33.02	90.54	37.50
99	96.04	24.06	94.74	28.74	93.21	33.35	91.46	37.89
100	97.01	24.30	95.69	29.03	94.15	33.69	92.39	38.27
01	97.98	24.54	96.65	29.32	95.10	34.03	93.31	38.65
02	98.95	24.78	97.61	29.61	96.04	34.36	94.24	39.04
03	99.92	25.03	98.56	29.90	96.98	34.70	95.16	39.42
04	100.89	25.27	99.52	30.19	97.92	35.04	96.08	39.80
05	101.86	25.51	100.48	30.48	98.86	35.37	97.01	40.18
06	102.83	25.76	101.44	30.77	99.80	35.71	97.93	40.56
07	103.80	26.00	102.39	31.06	100.74	36.05	98.86	40.95
08	104.77	26.24	103.35	31.35	101.69	36.38	99.78	41.33
09	105.74	26.48	104.31	31.64	102.63	36.72	100.70	41.71
110	106.71	26.73	105.26	31.93	103.57	37.06	101.63	42.09
11	107.68	26.97	106.22	32.22	104.51	37.39	102.55	42.48
12	108.65	27.21	107.18	32.51	105.45	37.73	103.47	42.86
13	109.62	27.46	108.13	32.80	106.39	38.07	104.40	43.24
14	110.59	27.70	109.09	33.09	107.34	38.41	105.32	43.63
15	111.56	27.94	110.05	33.38	108.28	38.74	106.25	44.01
16	112.53	28.19	111.01	33.67	109.22	39.08	107.17	44.39
17	113.50	28.43	111.96	33.96	110.16	39.42	108.09	44.77
18	114.47	28.67	112.92	34.25	111.10	39.75	109.02	45.16
19	115.44	28.91	113.88	34.54	112.04	40.09	109.94	45.54
120	116.41	29.16	114.83	34.83	112.98	40.43	110.87	45.92
	D. L.		D. L.		D. L.		D. L.	
	¼		½		¾		0	

6 Points.

1 Point.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	2 Points L.	2 Points D.
121	117.38	29.40	115.79	35.12	113.93	40.76	111.79	46.30
22	118.35	29.64	116.75	35.41	114.87	41.10	112.71	46.99
23	119.32	29.89	117.70	35.70	115.81	41.44	113.64	47.07
24	120.29	30.13	118.66	35.99	116.75	41.77	114.56	47.45
25	121.26	30.37	119.62	36.29	117.69	42.11	115.49	47.84
26	122.23	30.62	120.57	36.58	118.63	42.45	116.41	48.22
27	123.20	30.86	121.53	36.87	119.58	42.79	117.33	48.60
28	124.17	31.10	122.49	37.16	120.52	43.12	118.26	48.98
29	125.14	31.34	123.45	37.45	121.46	43.46	119.18	49.37
30	126.11	31.59	124.40	37.74	122.40	43.80	120.10	49.75
131	127.08	31.83	125.36	38.03	123.34	44.13	121.03	50.13
32	128.05	32.07	126.32	38.32	124.28	44.47	121.95	50.51
33	129.02	32.32	127.27	38.61	125.22	44.81	122.88	50.90
34	129.99	32.56	128.23	38.90	126.17	45.14	123.80	51.28
35	130.96	32.80	129.19	39.19	127.11	45.48	124.72	51.66
36	131.93	33.05	130.14	39.48	128.05	45.82	125.65	52.04
37	132.90	33.29	131.10	39.77	128.99	46.15	126.57	52.43
38	133.87	33.53	132.06	40.06	129.93	46.49	127.50	52.81
39	134.84	33.77	133.01	40.35	130.87	46.83	128.42	53.19
140	135.81	34.02	133.97	40.64	131.82	47.16	129.34	53.58
41	136.78	34.26	134.93	40.93	132.76	47.50	130.27	53.96
42	137.75	34.50	135.89	41.22	133.70	47.84	131.19	54.34
43	138.72	34.75	136.84	41.51	134.64	48.18	132.11	54.72
44	139.69	34.99	137.80	41.80	135.58	48.51	133.04	55.11
45	140.66	35.23	138.76	42.09	136.52	48.85	133.96	55.49
46	141.63	35.48	139.71	42.38	137.46	49.19	134.89	55.87
47	142.60	35.72	140.67	42.67	138.41	49.52	135.81	56.25
48	143.57	35.96	141.63	42.96	139.35	49.86	136.73	56.64
49	144.54	36.20	142.58	43.25	140.29	50.20	137.66	57.02
150	145.51	36.45	143.54	43.54	141.23	50.53	138.58	57.40
51	146.48	36.69	144.50	43.83	142.17	50.87	139.51	57.78
52	147.45	36.93	145.45	44.12	143.11	51.21	140.43	58.17
53	148.42	37.18	146.41	44.41	144.06	51.54	141.35	58.55
54	149.39	37.42	147.37	44.70	145.00	51.88	142.28	58.93
55	150.36	37.66	148.33	44.99	145.94	52.22	143.20	59.32
56	151.33	37.93	149.28	45.28	146.88	52.55	144.13	59.70
57	162.30	38.15	150.24	45.57	147.82	52.89	145.05	60.08
58	153.27	38.39	151.20	45.86	148.76	53.23	145.97	60.46
59	154.24	38.63	152.15	46.15	149.70	53.57	146.90	60.85
160	155.21	38.88	153.11	46.44	150.65	53.90	147.82	61.23
61	156.18	39.12	154.07	46.74	151.59	54.24	148.74	61.61
62	157.15	39.36	155.02	47.03	152.53	54.58	149.67	61.99
63	158.12	39.61	155.98	47.32	153.47	54.91	150.59	62.38
64	159.09	39.85	156.94	47.61	154.41	55.25	151.52	62.76
65	160.06	40.09	157.90	47.90	155.35	55.59	152.44	63.14
66	161.03	40.33	158.85	48.16	156.30	55.92	153.36	63.52
67	162.00	40.58	159.81	48.48	157.24	56.26	154.29	63.91
68	162.97	40.82	160.77	48.77	158.18	56.60	155.21	64.29
69	163.94	41.06	161.72	49.06	159.12	56.93	156.14	64.67
170	164.91	41.31	162.68	49.35	160.06	57.27	157.06	65.06
71	165.88	41.55	163.64	49.64	161.00	57.61	157.98	65.44
72	166.85	41.79	164.59	49.93	161.94	57.95	158.91	65.82
73	167.82	42.04	165.55	50.22	162.89	58.28	159.83	66.20
74	168.79	42.28	166.51	50.51	163.83	58.62	160.76	66.59
75	169.76	42.52	167.46	50.80	164.77	58.96	161.68	66.97
76	170.73	42.76	168.42	51.09	165.71	59.29	162.60	67.35
77	171.70	43.01	169.38	51.38	166.65	59.63	163.53	67.73
78	172.67	43.25	170.34	51.67	167.59	59.97	164.45	68.12
79	173.64	43.49	171.29	51.96	168.54	60.30	165.37	68.50
180	174.61	43.74	172.25	52.25	169.48	60.64	166.30	68.88
	D.	L.	D.	L.	D.	L.	D.	L.
	¾		½		¼		0	

6 Points.

1 Point.

Dif.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	2 Points L.	2 Points D.
181	175.58	43.98	173.21	62.54	170.42	60.98	167.22	69.27
82	176.55	44.22	174.16	62.83	171.36	61.31	168.15	69.65
83	177.52	44.47	175.12	63.12	172.30	61.65	169.07	70.03
84	178.49	44.71	176.08	63.41	173.24	61.99	169.99	70.41
85	179.46	44.95	177.03	63.70	174.18	62.32	170.92	70.80
86	180.43	45.19	177.99	63.99	175.13	62.66	171.84	71.18
87	181.40	45.44	178.95	64.28	176.07	63.00	172.77	71.56
88	182.37	45.68	179.90	64.57	177.01	63.34	173.69	71.94
89	183.34	45.92	180.86	64.86	177.95	63.67	174.61	72.33
90	184.31	46.17	181.82	65.15	178.89	64.01	175.54	72.71
191	185.28	46.41	182.78	65.44	179.83	64.35	176.46	73.09
92	186.25	46.65	183.73	65.73	180.78	64.68	177.38	73.47
93	187.22	46.90	184.69	66.02	181.72	65.02	178.31	73.86
94	188.19	47.14	185.65	66.31	182.66	65.36	179.23	74.24
95	189.16	47.38	186.60	66.60	183.60	65.69	180.16	74.62
96	190.13	47.62	187.56	66.89	184.54	66.03	181.08	75.01
97	191.10	47.87	188.52	67.19	185.48	66.37	182.00	75.39
98	192.07	48.11	189.47	67.48	186.42	66.70	182.93	74.77
99	193.04	48.35	190.48	67.77	187.37	67.04	183.85	76.15
200	194.01	48.60	191.39	68.06	188.31	67.38	184.78	76.54
01	194.98	48.84	192.34	68.35	189.25	67.71	185.70	76.92
02	195.95	49.08	193.30	68.64	190.19	68.05	186.62	77.30
03	196.92	49.32	194.26	68.93	191.13	68.39	187.55	77.68
04	197.89	49.57	195.22	69.22	192.07	68.73	188.47	78.07
05	198.86	49.81	196.17	69.51	193.02	69.06	189.40	78.45
06	199.83	50.05	197.13	69.80	193.96	69.40	190.32	78.83
07	200.80	50.30	198.09	60.09	194.90	69.74	191.24	79.21
08	201.77	50.54	199.04	60.38	195.84	70.07	192.17	79.60
09	202.74	50.78	200.00	60.67	196.78	70.41	193.09	79.98
210	203.71	51.03	200.96	60.96	197.72	70.75	194.01	80.36
11	204.68	51.27	201.91	61.25	198.66	..08	194.94	80.75
12	205.65	51.51	202.87	61.54	199.61	.1.42	195.86	81.13
13	206.62	51.75	203.83	61.83	200.55	71.76	196.79	81.51
14	207.59	52.00	204.79	62.12	201.49	72.09	197.71	81.89
15	208.57	52.24	205.74	62.41	202.43	72.43	198.63	82.28
16	209.54	52.48	206.70	62.70	203.37	72.77	199.56	82.66
17	210.51	52.73	207.66	62.99	204.31	73.11	200.48	83.04
18	211.48	52.97	208.61	63.28	205.26	73.44	201.41	83.42
19	212.45	53.21	209.57	63.57	206.20	73.78	202.33	83.81
220	213.42	53.46	210.53	63.86	207.14	74.12	203.25	84.19
21	214.39	53.70	211.48	64.15	208.08	74.45	204.18	84.57
22	215.36	53.94	212.44	64.44	209.02	74.79	205.10	84.95
23	216.33	54.18	213.40	64.73	209.96	75.13	206.03	85.34
24	217.30	54.43	214.35	65.02	210.90	75.46	206.95	85.72
25	218.27	54.67	215.31	65.31	211.85	75.80	207.87	86.10
26	219.24	54.91	216.27	65.60	212.79	76.14	208.80	86.48
27	220.21	55.16	217.23	65.89	213.73	76.47	209.72	86.87
28	221.18	55.40	218.18	66.18	214.67	76.81	210.64	87.25
29	222.15	55.64	219.14	66.47	215.61	77.15	211.57	87.63
230	223.12	55.89	220.10	66.76	216.55	77.48	212.49	88.02
31	224.09	56.13	221.05	67.05	217.50	77.82	213.42	88.40
32	225.06	56.37	222.01	67.34	218.44	78.16	214.34	88.78
33	226.03	56.61	222.97	67.64	219.38	78.50	215.26	89.16
34	227.00	56.86	223.92	67.93	220.32	78.83	216.19	89.55
35	227.97	57.10	224.88	68.22	221.26	79.17	217.11	89.93
36	228.94	57.34	225.84	68.51	222.20	79.51	218.04	90.31
37	229.91	57.59	226.79	68.80	223.14	79.84	218.96	90.70
38	230.88	57.83	227.75	69.09	224.09	80.18	219.88	91.08
39	231.85	58.07	228.71	69.38	225.03	80.52	220.81	91.46
240	232.82	58.32	229.67	69.67	225.97	80.85	221.73	91.84
	D. ¼	L. ¼	D. ½	L. ½	D. ¾	L. ¾	D. 0	L. 0

6 Points.

1 Point.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	1 Point. L.	1 Point. D.
241	233.79	58.36	230.62	69.96	226.91	81.19	222.66	92.28
42	234.76	58.80	231.58	70.25	227.85	81.53	223.58	92.61
43	235.73	59.04	232.54	70.54	228.79	81.86	224.50	92.99
44	236.70	59.29	233.49	70.83	229.74	82.20	225.43	93.37
45	237.67	59.53	234.45	71.12	230.68	82.54	226.35	93.76
46	238.64	59.77	235.41	71.41	231.62	82.88	227.27	94.14
47	239.61	60.02	236.36	71.70	232.56	83.21	228.20	94.52
48	240.58	60.26	237.32	71.99	233.50	83.55	229.12	94.90
49	241.55	60.50	238.28	72.28	234.44	83.89	230.05	95.29
250	242.52	60.75	239.24	72.57	235.39	84.22	230.97	95.67
51	243.49	60.99	240.19	72.86	236.33	84.56	231.89	96.05
52	244.46	61.23	241.15	73.15	237.27	84.90	232.82	96.44
53	245.43	61.47	242.11	73.44	238.21	85.23	233.74	96.82
54	246.40	61.72	243.06	73.73	239.15	85.57	234.67	97.20
55	247.37	61.96	244.02	74.02	240.09	85.91	235.59	97.58
56	248.34	62.20	244.98	74.31	241.03	86.24	236.51	97.97
57	249.31	62.45	245.93	74.60	241.98	86.58	237.44	98.35
58	250.28	62.69	246.89	74.89	242.92	86.92	238.36	98.73
59	251.25	62.93	247.85	75.18	243.86	87.25	239.28	99.11
260	252.22	63.17	248.80	75.47	244.80	87.59	240.21	99.50
61	253.19	63.42	249.76	75.76	245.74	87.92	241.13	99.88
62	254.16	63.66	250.72	76.05	246.68	88.27	242.06	100.26
63	255.13	63.90	251.68	76.34	247.63	88.60	242.98	100.64
64	256.10	64.15	252.63	76.63	248.57	88.94	243.90	101.03
65	257.07	64.39	253.59	76.92	249.51	89.28	244.83	101.41
66	258.04	64.63	254.56	77.21	250.45	89.61	245.75	101.79
67	259.01	64.88	255.50	77.50	251.39	89.95	246.68	102.18
68	259.98	65.12	256.46	77.80	252.33	90.29	247.60	102.56
69	260.95	65.36	257.42	78.09	253.27	90.62	248.52	102.94
270	261.92	65.60	258.37	78.38	254.22	90.96	249.45	103.32
71	262.89	65.85	259.33	78.67	255.16	91.30	250.37	103.71
72	263.86	66.09	260.29	78.96	256.10	91.63	251.30	104.09
73	264.83	66.33	261.24	79.25	257.04	91.97	252.22	104.47
74	265.80	66.58	262.20	79.54	257.98	92.31	253.14	104.85
75	266.77	66.82	264.16	79.83	258.92	92.64	254.07	105.24
76	267.74	67.06	264.12	80.12	259.87	92.98	254.99	105.62
77	268.71	67.31	265.07	80.41	260.81	93.32	255.91	106.00
78	269.68	67.55	266.03	80.70	261.75	93.66	256.84	106.39
79	270.65	67.79	266.99	80.99	262.69	93.99	257.76	106.77
280	271.62	68.03	267.94	81.28	263.63	94.33	258.69	107.15
81	272.59	68.28	268.90	81.57	264.57	94.67	259.61	107.53
82	273.56	68.52	269.86	81.86	265.51	95.00	260.53	107.92
83	274.53	68.76	270.81	82.15	266.46	95.34	261.46	108.30
84	275.50	69.01	271.77	82.44	267.40	95.68	262.38	108.68
85	276.47	69.25	272.73	82.73	268.34	96.01	263.31	109.06
86	277.44	69.49	273.68	83.02	269.28	96.35	264.23	109.45
87	278.41	69.74	274.64	83.31	270.22	96.69	265.15	109.83
88	279.38	69.98	275.60	83.60	271.16	97.02	266.08	110.21
89	280.35	70.22	276.56	83.89	272.11	97.36	267.00	110.59
290	281.32	70.46	277.51	84.18	273.05	97.70	267.93	110.98
91	282.29	70.71	278.47	84.47	273.99	98.03	268.85	111.36
92	283.26	70.95	279.43	84.76	274.93	98.37	269.77	111.74
93	284.23	71.19	280.38	85.05	275.87	98.71	270.70	112.13
94	285.20	71.44	281.34	85.34	276.81	99.05	271.62	112.51
95	286.17	71.68	282.30	85.63	277.75	99.38	272.54	112.89
96	287.14	71.92	283.25	85.92	278.70	99.72	273.47	113.27
97	288.11	72.17	284.21	86.21	279.64	100.06	274.39	113.66
98	289.08	72.41	285.17	86.50	280.58	100.39	275.32	114.04
99	290.05	72.65	286.13	86.79	281.52	100.73	276.24	114.42
300	291.02	72.89	287.08	87.08	282.46	101.07	277.16	114.80

L.	D.	L.	D.	L.	D.	L.	D.
¼		½		¾		1	

6 Points.

2 Points.

	1/4		1/4		1/4		3 Points.	
P.	L.	D.	L	D.	L.	D.	D.	L.
1.	0.00	0.42	0.88	0.47	0.86	0.50	0.92	0.56
2	1.81	0.85	1.76	0.94	1.72	1.03	1.66	1.11
3	2.71	1.28	2.65	1.41	2.57	1.54	2.48	1.67
4	3.62	1.71	3.53	1.88	3.43	2.06	3.33	2.22
5	4.52	2.14	4.41	2.36	4.29	2.57	4.16	2.78
6	5.42	2.57	5.29	2.83	5.15	3.09	4.99	3.33
7	6.33	2.99	6.17	3.30	6.00	3.60	5.82	3.89
8	7.23	3.42	7.06	3.76	6.86	4.11	6.65	4.44
9	8.14	3.85	7.94	4.24	7.72	4.63	7.48	5.00
10	9.04	4.28	8.82	4.71	8.58	5.14	8.31	5.56
11	9.94	4.70	9.70	5.19	9.44	5.66	9.15	6.11
12	10.85	5.13	10.58	5.66	10.29	6.17	9.98	6.67
13	11.75	5.56	11.46	6.13	11.15	6.68	10.81	7.22
14	12.66	5.99	12.35	6.60	12.01	7.20	11.64	7.78
15	13.56	6.41	13.23	7.07	12.87	7.71	12.47	8.33
16	14.46	6.84	14.11	7.54	13.72	8.23	13.30	8.89
17	15.37	7.27	14.99	8.01	14.58	8.74	14.13	9.44
18	16.27	7.70	15.87	8.49	15.44	9.25	14.96	10.00
19	17.18	8.13	16.76	8.96	16.30	9.77	15.80	10.56
20	18.08	8.55	17.64	9.43	17.16	10.28	16.63	11.11
21	18.98	8.98	18.52	9.90	18.01	10.80	17.46	11.67
22	19.89	9.41	19.40	10.37	18.87	11.31	18.28	12.22
23	20.79	9.84	20.28	10.84	19.73	11.82	19.12	12.78
24	21.70	10.26	21.17	11.31	20.59	12.34	19.96	13.33
25	22.60	10.69	22.05	11.79	21.44	12.85	20.78	13.89
26	23.50	11.12	22.93	12.26	22.30	13.37	21.62	14.44
27	24.41	11.55	23.81	12.73	23.16	13.88	22.45	15.00
28	25.31	11.97	24.69	13.20	24.02	14.39	23.28	15.56
29	26.22	12.40	25.58	13.67	24.87	14.91	24.15	16.11
30	27.12	12.83	26.46	14.14	25.73	15.42	24.96	16.67
31	28.02	13.26	27.34	14.61	26.59	15.94	25.78	17.22
32	28.93	13.69	28.22	15.08	27.45	16.45	26.61	17.78
33	29.83	14.11	29.10	15.56	28.31	16.97	27.44	18.33
34	30.74	14.54	29.99	16.03	29.16	17.48	28.29	18.89
35	31.64	14.97	30.87	16.50	30.02	18.00	29.10	19.44
36	32.54	15.40	31.75	16.97	30.88	18.51	29.93	20.00
37	33.45	15.82	32.63	17.44	31.74	19.02	30.76	20.56
38	34.35	16.25	33.51	17.91	32.59	19.54	31.60	21.11
39	35.26	16.68	34.39	18.38	33.45	20.06	32.43	21.67
40	36.16	17.11	35.28	18.86	34.31	20.56	33.26	22.22
41	37.06	17.53	36.16	19.33	35.17	21.08	34.09	22.78
42	37.97	17.96	37.04	19.80	36.02	21.59	34.92	23.33
43	38.87	18.39	37.92	20.27	36.88	22.10	35.75	23.89
44	39.78	18.82	38.80	20.74	37.74	22.62	36.58	24.45
45	40.68	19.24	39.69	21.21	38.60	23.13	37.42	25.00
46	41.58	19.67	40.57	21.68	39.46	23.65	38.25	25.56
47	42.49	20.10	41.45	22.16	40.31	24.16	39.08	26.11
48	43.39	20.53	42.33	22.63	41.17	24.68	39.91	26.67
49	44.30	20.96	43.21	23.10	42.03	25.19	40.74	27.22
50	45.20	21.38	44.10	23.57	42.89	25.70	41.57	27.78
51	46.10	21.81	44.98	24.04	43.74	26.22	42.40	28.33
52	47.01	22.24	45.86	24.51	44.60	26.73	43.24	28.89
53	47.91	22.67	46.74	24.98	45.46	27.25	44.07	29.45
54	48.82	23.09	47.62	25.46	46.32	27.76	44.90	30.00
55	49.72	23.52	48.51	25.93	47.18	28.27	45.73	30.56
56	50.62	23.95	49.39	26.40	48.03	28.79	46.56	31.11
57	51.53	24.38	50.27	26.87	48.89	29.30	47.39	31.67
58	52.43	24.80	51.15	27.34	49.75	29.82	48.23	32.22
59	53.34	25.23	52.03	27.81	50.61	30.33	49.06	32.78
60	54.24	25.66	52.92	28.28	51.46	30.85	49.89	33.33
	D.	L.	D.	L.	D.	L.	D.	L.
	1/4		1/4		1/4		0	

5 Points.

2 Points.

Dia.	¼ L.	¼ D.	⅓ L.	⅓ D.	½ L.	½ D.	3 Points. L.	3 Points. D.
61	55.14	26.09	53.80	28.76	52.32	31.36	50.72	33.89
62	56.05	26.51	54.68	29.23	53.18	31.87	51.55	34.45
63	56.95	26.94	55.56	29.70	54.04	32.39	52.38	35.00
64	57.86	27.37	56.44	30.17	54.89	32.90	53.21	35.56
65	58.76	27.80	57.32	30.64	55.75	33.42	54.05	36.11
66	59.66	28.23	58.21	31.11	56.61	33.93	54.88	36.67
67	60.57	28.65	59.09	31.58	57.47	34.44	55.71	37.22
68	61.47	29.08	59.97	32.06	58.33	34.96	56.54	37.78
69	62.38	29.51	60.85	32.53	59.18	35.47	57.37	38.33
70	63.28	29.94	61.73	33.00	60.04	35.99	58.20	38.89
71	64.18	30.36	62.62	33.47	60.90	36.50	59.03	39.45
72	65.09	30.79	63.50	33.94	61.76	37.01	59.87	40.00
73	65.99	31.22	64.38	34.41	62.61	37.53	60.70	40.56
74	66.90	31.65	65.26	34.88	63.47	38.04	61.53	41.11
75	67.80	32.07	66.14	35.36	64.33	38.56	62.36	41.67
76	68.70	32.50	67.03	35.83	65.19	39.07	63.19	42.22
77	69.61	32.93	67.91	36.30	66.05	39.58	64.02	42.78
78	70.51	33.36	68.79	36.77	66.90	40.10	64.85	43.33
79	71.42	33.78	69.67	37.24	67.76	40.61	65.69	43.89
80	72.32	34.21	70.55	37.71	68.62	41.13	66.52	44.45
81	73.22	34.64	71.44	38.18	69.48	41.64	67.35	45.00
82	74.13	35.07	72.32	38.65	70.33	42.16	68.18	45.56
83	75.03	35.50	73.20	39.13	71.19	42.67	68.01	46.11
84	75.94	35.92	74.08	39.60	72.05	43.18	69.84	46.67
85	76.84	36.35	74.96	40.07	72.91	43.70	70.67	47.22
86	77.74	36.78	75.85	40.54	73.76	44.21	71.51	47.78
87	78.65	37.21	76.73	41.01	74.62	44.73	72.34	48.33
88	79.55	37.63	77.61	41.48	75.48	45.24	73.17	48.89
89	80.46	38.06	78.49	41.95	76.34	45.75	74.00	49.45
90	81.36	38.49	79.37	42.43	77.20	46.27	74.83	50.00
91	82.26	38.92	80.25	42.90	78.05	46.78	75.66	50.56
92	83.17	39.34	81.14	43.37	78.91	47.30	76.50	51.11
93	84.07	39.77	82.02	43.84	79.77	47.81	77.33	51.67
94	84.98	40.20	82.90	44.31	80.63	48.32	78.16	52.22
95	85.88	40.63	83.78	44.78	81.48	48.84	78.99	52.78
96	86.78	41.06	84.66	45.25	82.34	49.35	79.82	53.33
97	87.69	41.48	85.55	45.73	83.20	49.87	80.65	53.89
98	88.59	41.91	86.43	46.20	84.06	50.38	81.48	54.45
99	89.50	42.34	87.31	46.67	84.92	50.89	82.32	55.00
100	90.40	42.77	88.19	47.14	85.77	51.46	83.15	55.56
01	91.30	43.19	89.07	47.61	86.63	51.92	83.98	56.11
02	92.21	43.62	89.96	48.08	87.49	52.44	84.81	56.67
03	93.11	44.05	90.84	48.55	88.35	52.95	85.64	57.22
04	94.02	44.48	91.72	49.03	89.20	53.47	86.47	57.78
05	94.92	44.90	92.60	49.50	90.06	53.98	87.30	58.33
06	95.82	45.33	93.48	49.97	90.92	54.49	88.14	58.89
07	96.73	45.76	94.37	50.44	91.78	55.01	88.97	59.45
08	97.63	46.19	95.25	50.91	92.63	55.52	89.80	60.00
09	98.54	46.61	96.13	51.38	93.49	56.04	90.63	60.56
110	99.44	47.04	97.01	51.85	94.35	56.55	91.46	61.11
11	100.84	47.47	97.89	52.33	95.21	57.07	92.29	61.67
12	101.25	47.90	98.78	52.80	96.07	57.58	93.12	62.22
13	102.15	48.33	99.66	53.27	96.92	58.09	93.96	62.78
14	103.06	48.75	100.54	53.74	97.78	58.61	94.79	63.33
15	103.96	49.18	101.42	54.21	98.64	59.12	95.62	63.89
16	104.86	49.61	102.30	54.68	99.50	59.64	96.45	64.45
17	105.77	50.04	103.18	55.15	100.35	60.15	97.28	65.00
18	106.67	50.46	104.07	55.63	101.21	60.66	98.11	65.56
19	107.58	50.89	104.95	56.10	102.07	61.18	98.94	66.11
120	108.48	5 1.32	105.83	56.57	102.93	61.69	99.78	66.67

..	¾ L.	¾ D.	½ L.	½ D.	¼ L.	¼ D.	o D.	o L.

5 Point.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	3 Points. L.	3 Points. D.
121	109.38	51.75	106.71	57.04	103.79	62.21	100.61	67.22
22	110.29	52.17	107.59	57.51	104.64	62.72	101.44	67.78
23	111.19	52.60	108.48	57.98	105.50	63.23	102.27	68.34
24	112.10	53.03	109.36	58.45	106.36	63.75	103.10	68.89
25	113.00	53.46	110.24	58.93	107.22	64.26	103.93	69.45
26	113.90	53.89	111.12	59.40	108.07	64.78	104.77	70.00
27	114.81	54.31	112.00	59.87	108.93	65.29	105.60	70.56
28	115.71	54.74	112.89	60.34	109.79	65.80	106.43	71.11
29	116.62	55.17	113.77	60.81	110.65	66.32	107.26	71.67
130	117.52	55.60	114.65	61.28	111.50	66.83	108.09	72.22
31	118.42	56.02	115.53	61.75	112.36	67.35	108.92	72.78
32	119.33	56.45	116.41	62.22	113.22	67.86	109.75	73.34
33	120.23	56.88	117.30	62.70	114.08	68.38	110.59	73.89
34	121.14	57.31	118.18	63.17	114.94	68.89	111.42	74.45
35	122.04	57.73	119.06	63.64	115.79	69.40	112.25	75.00
36	122.94	58.16	119.94	64.11	116.65	69.92	113.08	75.56
37	123.85	58.59	120.82	64.58	117.51	70.43	113.91	76.11
38	124.75	59.02	121.70	65.05	118.37	70.95	114.74	76.67
39	125.66	59.44	122.59	65.52	119.22	71.46	115.57	77.22
140	126.56	59.87	123.47	66.00	120.08	71.97	116.41	77.78
41	127.46	60.30	124.35	66.47	120.94	72.49	117.24	78.34
42	128.37	60.73	125.23	66.94	121.80	73.00	118.07	78.89
43	129.27	61.16	126.11	67.41	122.66	73.52	118.90	79.45
44	130.18	61.58	127.00	67.88	123.51	74.03	119.73	80.00
45	131.08	62.01	127.88	68.35	124.37	74.54	120.56	80.56
46	131.98	62.44	128.76	68.82	125.23	75.06	121.39	81.11
47	132.89	62.87	129.64	69.30	126.09	75.57	122.23	81.67
48	133.79	63.29	130.52	69.77	126.94	76.09	123.06	82.22
49	134.70	63.72	131.41	70.24	127.80	76.60	123.89	82.78
150	135.60	64.15	132.29	70.71	128.66	77.12	124.72	83.34
51	136.50	64.58	133.17	71.18	129.52	77.63	125.55	83.89
52	137.41	65.00	134.05	71.65	130.37	78.14	126.38	84.45
53	138.31	65.43	134.93	72.12	131.23	78.66	127.21	85.00
54	139.22	65.86	135.82	72.60	132.09	79.17	128.05	85.56
55	140.12	66.29	136.70	73.07	132.95	79.69	128.88	86.11
56	141.02	66.71	137.58	73.54	133.81	80.20	129.71	86.67
57	141.93	67.14	138.46	74.01	134.66	80.71	130.54	87.22
58	142.83	67.57	139.34	74.48	135.52	81.23	131.37	87.78
59	143.74	68.00	140.23	74.95	136.38	81.74	132.20	88.34
160	144.64	68.43	141.11	75.42	137.24	82.26	133.04	88.89
61	145.54	68.85	141.99	75.90	138.09	82.77	133.87	89.45
62	146.45	69.28	142.87	76.37	138.95	83.28	134.70	90.00
63	147.35	69.71	143.75	76.84	139.81	83.80	135.53	90.56
64	148.26	70.14	144.63	77.31	140.67	84.31	136.36	91.11
65	149.16	70.56	145.52	77.78	141.53	84.83	137.19	91.67
66	150.06	70.99	146.40	78.25	142.38	85.34	138.02	92.22
67	150.97	71.42	147.28	78.72	143.24	85.85	138.86	92.78
68	151.87	71.85	148.16	79.20	144.10	86.37	139.69	93.34
69	152.78	72.27	149.04	79.67	144.96	86.88	140.52	93.89
170	153.68	72.70	149.93	80.14	145.81	87.40	141.35	94.45
71	154.58	73.13	150.81	80.61	146.67	87.91	142.18	95.00
72	155.49	73.56	151.69	81.08	147.53	88.43	143.01	95.56
73	156.39	73.99	152.57	81.55	148.39	88.94	143.84	96.11
74	157.30	74.41	153.45	82.02	149.25	89.45	144.68	96.67
75	158.20	74.84	154.34	82.50	150.10	89.97	145.51	97.22
76	159.10	75.27	155.22	82.97	150.96	90.48	146.34	97.78
77	160.01	75.70	156.10	83.44	151.82	91.00	147.17	98.34
78	160.91	76.12	156.98	83.91	152.68	91.51	148.00	98.89
79	161.82	76.55	157.86	84.38	153.53	92.02	148.83	99.45
180	162.72	76.98	158.75	84.85	154.49	92.54	149.66	100.00

D. ¾	L. ¾	D. ½	L. ½	D. ¼	L. ¼	D. 0	L. 0

2 Points.

Dif.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	3 Points D.	3 Points L.
181	163.62	77.41	159.63	85.32	155.35	93.05	150.30	100.36
82	164.53	77.83	160.51	85.79	156.11	93.57	151.53	101.11
83	165.43	78.26	161.39	86.27	156.96	94.08	152.16	101.67
84	166.34	78.69	162.27	86.74	157.82	94.59	152.99	102.22
85	167.24	79.12	163.16	87.21	158.68	95.11	153.82	102.78
86	168.14	79.54	164.04	87.68	159.54	95.62	154.65	103.34
87	169.05	79.97	164.92	88.15	160.40	96.14	155.48	103.89
88	169.95	80.40	165.80	88.62	161.25	96.65	156.32	104.45
89	170.86	80.83	166.68	89.09	162.11	97.16	157.15	105.00
90	171.76	81.26	167.56	89.57	162.97	97.68	157.98	105.56
91	172.66	81.68	168.45	90.04	163.83	98.19	158.81	106.11
92	173.57	82.11	169.33	90.51	164.68	98.71	159.64	106.67
93	174.47	82.54	170.21	90.98	165.54	99.22	160.47	107.22
94	175.38	82.97	171.09	91.45	166.40	99.74	161.31	107.78
95	176.28	83.39	171.97	91.92	167.26	100.25	162.14	108.34
96	177.18	83.82	172.86	92.39	168.12	100.76	162.97	108.89
97	178.09	84.25	173.74	92.87	168.97	101.28	163.80	109.45
98	178.99	84.68	174.62	93.34	169.83	101.79	164.63	110.00
99	179.90	85.10	175.50	93.81	170.69	102.31	165.46	110.56
200	180.80	85.53	176.38	94.28	171.55	102.82	166.29	111.11
01	181.70	85.96	177.27	94.75	172.40	103.33	167.13	111.67
02	182.61	86.39	178.15	95.22	173.26	103.85	167.96	112.22
03	183.51	86.81	179.03	95.69	174.12	104.36	168.79	112.78
04	184.42	87.24	179.91	96.17	174.98	104.88	169.62	113.34
05	185.32	87.67	180.79	96.64	175.83	105.39	170.45	113.89
06	186.22	88.10	181.68	97.11	176.69	105.90	171.28	114.45
07	187.13	88.53	182.56	97.58	177.55	106.42	172.11	115.00
08	188.03	88.95	183.44	98.05	178.41	106.93	172.95	115.56
09	188.94	89.38	184.32	98.52	179.27	107.45	173.78	116.11
210	189.84	89.81	185.20	98.99	180.12	107.96	174.61	116.67
11	190.74	90.24	186.09	99.47	180.98	108.48	175.44	117.22
12	191.65	90.66	186.97	99.94	181.84	108 99	176.27	117.78
13	192.55	91.09	187.81	100.41	182.70	109.50	177.10	118.34
14	193.56	91.52	188.78	100.88	183.55	110.02	177.93	118.89
15	194.36	91.95	189.61	101.35	184.41	110.53	178.77	119.45
16	195.26	92.37	190.49	101.82	185.27	111.05	179.60	120.00
17	196.17	92.80	191.38	102.29	186.13	111.56	180.43	120.56
18	197.07	93.23	192.26	102.77	186.99	112.07	181.26	121.11
19	197.98	93.66	193.14	103.24	187.84	112.59	182.09	121.67
220	198.88	94.09	194.02	103.71	188.70	113.10	182.92	122.22
21	199.78	94.51	194.90	104.18	189.56	113.62	183.75	122.78
22	200.69	94.94	195.79	104.65	190.42	114.13	184.59	123.34
23	201.59	95.37	196.67	105.12	191.27	114.64	185.42	123.89
24	202.50	95.80	197.55	105.59	192.13	115.16	186.25	124.45
25	203.40	96.22	198.43	106.07	192.99	115.67	187.08	125.00
26	204.30	96.65	199.31	106.54	193.85	116.19	187.91	125.56
27	205.21	97.08	200.20	107.01	194.70	116.70	188.74	126.11
28	206.11	97.51	201.08	107.48	195.56	117.21	189.58	126.67
29	207.02	97.93	201.96	107.95	196.42	117.73	190.41	127.22
230	207.92	98.36	202.84	108.42	197.28	118.24	191.24	127.78
31	208.82	98.79	203.72	108.89	198.14	118.76	192.07	128.33
32	209.73	99.22	204.61	109.36	198.99	119.27	192.90	128.89
33	210.63	95.64	205.49	109.84	199.85	119.79	193.73	129.45
34	211.54	100.07	206.37	110.31	200.71	120.30	194.56	130.00
35	212.44	100.50	207.25	110.78	201.57	120.81	195.40	130.56
36	213.34	100.93	208.13	111.25	202.42	121.33	196.23	131.11
37	214.25	101.36	209.02	111.72	204.28	121.84	197.06	131.67
38	215.15	101.78	209.90	112.19	204.14	122.36	197.89	132.22
39	216.06	102.21	210.78	112.66	205.00	122.87	198.72	132.78
240	216.96	102.64	211.66	113.14	205.86	123.38	199.55	133.34

D. ¾	L.	D. ½	L.	D. ¼	L.	D. o	L.

5 Points.

2 Points.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	3 Points. L.	3 Points. D.
241	217.86	103.07	212.54	113.61	206.71	123.90	200.38	133.89
42	218.77	103.49	213.42	114.03	207.57	124.41	201.22	134.45
43	219.67	103.92	214.31	114.56	208.43	124.93	202.05	135.00
44	220.58	104.45	215.19	115.02	209.29	125.44	202.88	135.56
45	221.48	104.78	216.07	115.49	210.14	125.95	203.71	136.11
46	222.38	105.20	216.95	115.96	211.00	126.47	204.54	136.67
47	223.29	105.63	217.83	116.44	211.86	126.98	205.37	137.22
48	224.19	106.06	218.72	116.91	212.72	127.50	206.20	137.78
49	225.10	106.49	219.60	117.38	213.57	128.01	207.04	138.34
250	226.00	106.92	220.48	117.85	214.43	128.53	207.87	138.89
51	226.90	107.34	221.36	118.32	215.29	129.04	208.70	139.45
52	227.81	107.77	222.24	118.79	216.15	129.55	209.53	140.00
53	228.71	108.20	223.13	119.26	217.01	130.07	210.36	140'56
54	229.62	108.63	224.01	119.74	217.86	130.58	211.19	141.11
55	230.52	109.05	224.89	120.21	218.72	131.10	212.02	141.67
56	231.42	109.48	225.77	120.68	219.58	131.61	212.86	142.22
57	232.33	109.91	226.65	121.15	220.44	132.12	213.69	142.78
58	233.23	110.34	227.54	121.62	221.29	132.64	214.52	143.34
59	234.14	110.76	228.42	122.09	222.15	133.15	215.35	143.89
260	235.04	111.19	229.30	122.56	223.01	133.67	216.18	144.45
61	235.94	111.62	230.18	123.04	223.87	134.18	217.01	145.00
62	236.85	112.05	231.06	123.51	224.73	134.69	217.85	145.56
63	237.75	112.47	231.94	123.98	225.58	135.21	218.68	146.11
64	238.66	112.90	232.83	124.45	226.44	135.72	219.51	146.67
65	239.56	113.33	233.71	124.92	227.30	136.24	220.34	147.23
66	240.46	113.76	234.59	125.39	228.16	136.75	221.17	147.78
67	241.37	114.19	235.47	125.86	229.01	137.26	222.00	148.34
68	242.27	114.61	236.35	126.34	229.87	137.78	222.83	148.89
69	243.18	115.04	237.24	126.81	230.73	138.29	223.67	149.45
270	244.58	115.47	238.12	127.28	231.59	138.81	224.50	150.00
71	244.98	115.90	239.00	127.75	232.44	139.32	225.33	150.56
72	245.89	116.32	239.88	128.22	233.30	139.84	226.16	151.12
73	246.79	116.75	240.76	128.69	234.16	140.35	226.99	151.67
74	247.70	117.18	241.65	129.16	235.02	140.86	227.82	152.23
75	248.60	117.61	242.53	129.64	235.88	141.38	228.65	152.78
76	249.50	118.03	243.41	130.11	236.73	141.89	229.49	153.34
77	250.41	118.46	244.29	130.58	237.59	142.41	230.32	153.89
78	251.31	118.89	245.17	131.05	238.45	142.92	231.15	154.45
79	252.22	119.32	246.06	131.52	239.31	143.43	231.98	155.00
280	253.12	119.74	246.94	131.99	240.16	143.95	232.81	155.56
81	254.02	120.17	247.82	132.46	241.02	144.46	23364	156.12
82	254.93	120.60	248.70	132.93	241.88	144.98	234.47	156.67
83	255.83	121.03	249.58	133.41	242.74	145.49	235.31	157.23
84	256.74	121.46	250.47	133.88	243.60	146.00	236.14	157.78
85	257.64	121.88	251.35	134.35	244.45	146.52	236.97	158.34
86	258.54	122.31	252.23	134.82	245.31	147.03	237.80	158.89
87	259.45	122.74	253.11	135.29	246.17	147.55	238.63	159.45
88	260.35	123.17	253.99	135.76	247.03	148.06	239 46	160.00
89	261.26	123.59	254.87	136.23	247.88	148.57	240.29	160.56
290	262.16	124.02	255.76	136.71	248.74	149.09	241.13	161.12
91	263.06	124.45	256.64	137.18	249.60	149.60	241.96	161.67
92	263.97	124.88	257.52	137.65	250.46	150.12	242.79	162.23
93	264.87	125.30	258.40	138.12	251.31	150.63	243.62	162.78
94	265.78	125.73	259.28	138.59	252.17	151.15	244.45	163.34
95	266.68	126.16	260.17	139.06	253.03	151.66	245.28	163.89
96	267.58	126.59	261.05	139.53	253.89	152.17	246.12	164.45
97	268.49	127.02	261.93	140.01	254.75	152.69	246.95	165.00
98	269.39	127.44	262.81	140.48	255.60	153.20	247.78	165.56
99	270.30	127.87	263.69	140.95	256.46	153.72	248.61	166.12
300	271.20	128.30	264.58	141.42	257.32	154.23	249.44	166.67

	¼ D.	¼ L.	½ D.	½ L.	¾ D.	¾ L.	o D.	o L.

5 Points.

3 Points.

Dia.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	4 Points L.	4 Points D.
1	0.80	0.60	0.77	0.63	0.74	0.67	0.71	0.71
2	1.61	1.19	1.55	1.27	1.48	1.34	1.41	1.41
3	2.41	1.79	2.32	1.90	2.22	2.01	2.12	2.12
4	3.21	2.38	3.09	2.54	2.96	2.69	2.83	2.83
5	4.02	2.98	3.87	3.17	3.70	3.36	3.54	3.54
6	4.82	3.57	4.64	3.81	4.45	4.03	4.24	4.24
7	5.62	4.17	5.41	4.44	5.19	4.70	4.95	4.95
8	6.43	4.77	6.18	5.08	5.93	5.37	5.66	5.66
9	7.23	5.36	6.96	5.71	6.67	6.04	6.36	6.36
10	8.03	5.96	7.73	6.34	7.41	6.72	7.07	7.07
11	8.84	6.55	8.50	6.98	8.15	7.39	7.78	7.78
12	9.64	7.15	9.28	7.61	8.89	8.06	8.49	8.49
13	10.44	7.74	10.05	8.25	9.63	8.73	9.19	9.19
14	11.24	8.34	10.82	8.88	10.37	9.40	9.90	9.90
15	12.05	8.94	11.60	9.52	11.11	10.07	10.61	10.61
16	12.85	9.53	12.37	10.15	11.86	10.74	11.31	11.31
17	13.65	10.13	13.14	10.78	12.60	11.42	12.02	12.02
18	14.46	10.72	13.91	11.42	13.34	12.09	12.73	12.73
19	15.26	11.32	14.69	12.05	14.08	12.76	13.44	13.44
20	16.06	11.91	15.46	12.69	14.82	13.43	14.14	14.14
21	16.87	12.51	16.23	13.32	15.56	14.10	14.85	14.85
22	17.67	13.11	17.01	13.96	16.30	14.77	15.56	15.56
23	18.47	13.70	17.78	14.59	17.04	15.45	16.26	16.26
24	19.28	14.30	18.55	15.23	17.78	16.12	16.97	16.97
25	20.08	14.89	19.33	15.86	18.52	16.79	17.68	17.68
26	20.88	15.49	20.10	16.50	19.26	17.46	18.38	18.38
27	21.69	16.08	20.87	17.13	20.01	18.13	19.09	19.09
28	22.49	16.68	21.64	17.76	20.75	18.80	19.80	19.80
29	23.29	17.28	22.42	18.40	21.49	19.47	20.51	20.51
30	24.10	17.87	23.19	19.03	22.23	20.15	21.21	21.21
31	24.90	18.47	23.96	19.67	22.97	20.82	21.92	21.92
32	25.70	19.06	24.74	20.30	23.71	21.49	22.63	22.63
33	26.51	19.66	25.51	20.94	24.45	22.16	23.33	23.33
34	27.31	20.25	26.28	21.57	25.19	22.83	24.04	24.04
35	28.11	20.85	27.06	22.20	25.93	23.50	24.75	24.75
36	28.92	21.45	27.83	22.84	26.67	24.18	25.46	25.46
37	29.72	22.04	28.60	23.47	27.42	24.85	26.16	26.16
38	30.52	22.64	29.38	24.11	28.16	25.52	26.87	26.87
39	31.32	23.23	30.15	24.74	28.90	26.19	27.58	27.58
40	32.13	23.83	30.92	25.38	29.64	26.86	28.28	28.28
41	32.93	24.42	31.69	26.01	30.38	27.53	28.99	28.99
42	33.73	25.02	32.47	26.64	31.12	28.20	29.70	29.70
43	34.54	25.62	33.24	27.28	31.86	28.88	30.41	30.41
44	35.34	26.21	34.01	27.91	32.60	29.55	31.11	31.11
45	36.14	26.81	34.79	28.55	33.34	30.22	31.82	31.82
46	36.95	27.40	35.56	29.18	34.08	30.89	32.53	32.53
47	37.75	28.00	36.33	29.82	34.82	31.56	33.23	33.23
48	38.55	28.59	37.10	30.45	35.57	32.23	33.94	33.94
49	39.36	29.19	37.88	31.09	36.31	32.90	34.65	34.65
50	40.16	29.79	38.65	31.72	37.05	33.58	35.36	35.36
51	40.96	30.38	39.42	32.35	37.79	34.25	36.06	36.06
52	41.77	30.98	40.20	32.99	38.53	34.92	36.77	36.77
53	42.57	31.57	40.97	33.62	39.27	35.59	37.48	37.48
54	43.37	32.17	41.74	34.26	40.01	36.26	38.18	38.18
55	44.18	32.76	42.52	34.89	40.75	36.93	38.89	38.89
56	44.98	33.36	43.29	35.53	41.49	37.61	39.60	39.60
57	45.78	33.95	44.06	36.16	42.23	38.28	40.31	40.31
58	46.58	34.55	44.84	36.80	42.98	38.95	41.01	41.01
59	47.39	35.15	45.61	37.43	43.72	39.62	41.72	41.72
60	48.19	35.74	46.38	38.06	44.46	40.29	42.43	42.43

	¾ L.	¾ D.	½ L.	½ D.	¼ L.	¼ D.	o D.	o L.

4 Points.

3 Points.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	4 Points. L.	4 Points. D.
121	48.99	36.34	47.15	38.70	45.20	40.96	43.13	43.13
22	49.80	36.93	47.93	39.33	45.94	41.63	43.84	43.84
23	50.60	37.53	48.70	39.97	46.68	42.31	44.55	44.55
24	51.40	38.12	49.47	40.60	47.42	42.98	45.26	45.26
25	52.21	38.72	50.25	41.24	48.16	43.65	45.96	45.96
26	53.01	39.32	51.02	41.87	48.90	44.32	46.67	46.67
27	53.81	39.91	51.79	42.50	49.64	44.99	47.38	47.38
28	54.62	40.51	52.57	43.14	50.38	45.66	48.08	48.08
29	55.42	41.10	53.34	43.77	51.13	46.34	48.79	48.79
130	56.22	41.70	54.11	44.41	51.87	47.01	49.50	49.50
31	57.03	42.29	54.89	45.04	52.61	47.68	50.20	50.20
32	57.83	42.89	55.66	45.68	53.35	48.35	50.91	50.91
33	58.63	43.49	56.43	46.31	54.09	49.02	51.62	51.62
34	59.44	44.08	57.20	46.95	54.83	49.69	52.33	52.33
35	60.24	44.68	57.98	47.58	55.57	50.36	53.03	53.03
36	61.04	45.27	58.75	48.21	56.31	51.04	53.74	53.74
37	61.85	45.87	59.52	48.85	57.05	51.71	54.45	54.45
38	62.65	46.46	60.30	49.48	57.79	52.38	55.15	55.15
39	63.45	47.06	61.07	40.12	58.54	53.05	55.86	55.86
140	64.26	47.66	61.84	40.75	59.28	53.72	56.57	56.57
41	65.06	48.25	62.62	51.39	60.02	54.39	57.28	57.28
42	65.86	48.85	63.39	52.02	60.76	55.07	57.98	57.98
43	66.67	49.44	64.16	52.66	61.50	55.74	58.69	58.69
44	67.47	50.04	64.93	53.29	62.24	56.41	59.40	59.40
45	68.27	50.63	65.71	53.92	62.98	57.08	60.10	60.10
46	69.08	51.23	66.48	54.56	63.72	57.75	60.81	60.81
47	69.88	51.83	67.25	55.19	64.46	58.42	61.52	61.52
48	70.68	52.42	68.03	55.83	65.20	59.09	62.23	62.23
49	71.48	53.02	68.80	56.46	65.94	59.77	62.93	62.93
150	72.29	53.61	69.57	57.10	66.69	60.44	63.64	63.64
51	73.09	54.21	70.35	57.73	67.43	61.11	64.35	64.35
52	73.89	54.80	71.12	58.36	68.17	61.78	65.05	65.05
53	74.70	55.40	71.89	59.00	68.91	62.45	65.76	65.76
54	75.50	56.00	72.66	59.63	69.65	63.12	66.47	66.47
55	76.30	56.59	73.44	60.27	70.39	63.80	67.18	67.18
56	77.11	57.19	74.21	60.90	71.13	64.47	67.88	67.88
57	77.91	57.78	74.98	61.54	71.87	65.14	68.59	68.59
58	78.71	58.38	75.75	62.17	72.61	65.81	69.30	69.30
59	79.52	58.97	76.53	62.81	73.35	66.48	70.00	60.00
160	80.32	59.57	77.30	63.44	74.10	67.15	70.71	60.71
61	81.12	60.17	78.07	64.07	74.84	67.82	71.42	71.42
62	81.93	60.76	78.85	64.71	75.58	68.50	72.13	72.13
63	82.73	61.36	79.62	65.34	76.32	69.17	72.83	72.83
64	83.53	61.95	80.39	65.98	77.06	69.84	73.54	73.54
65	84.34	62.55	81.17	66.61	77.80	70.51	74.25	74.25
66	85.14	63.14	81.94	67.25	78.54	71.18	74.95	74.95
67	85.94	63.74	82.71	67.88	79.28	71.85	75.66	75.66
68	86.75	64.34	83.49	68.52	80.02	72.53	76.37	76.37
69	87.55	64.93	84.26	69.15	80.76	73.20	77.07	77.07
170	88.35	65.53	85.03	69.78	81.50	73.87	77.78	77.78
71	89.16	66.12	85.80	70.42	82.25	74.54	78.49	78.49
72	89.96	66.72	86.58	71.05	82.99	75.21	79.20	79.20
73	90.76	67.31	87.35	71.69	83.73	75.88	79.90	79.90
74	91.56	67.91	88.12	72.32	84.47	76.55	80.61	80.61
75	92.37	68.51	88.90	72.96	85.21	77.23	81.32	81.32
76	93.17	69.10	89.67	73.59	85.95	77.90	82.02	82.02
77	93.97	69.70	90.44	74.22	86.69	78.57	82.73	82.73
78	94.78	70.29	91.22	74.86	87.43	79.24	83.44	83.44
79	95.58	70.89	91.99	75.49	88.17	79.91	84.15	84.15
180	96.38	71.48	92.76	76.13	88.91	80.58	84.85	84.85
	D. ¼	L.	D. ½	L.	D. ¼	L.	D. o	L.

4 Points.

3 Points.

Dd	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	4 Points L.	4 Points D.
61	97.19	72.08	93.58	76.76	89.65	81.26	85.56	85.56
62	97.99	72.68	94.81	77.40	90.40	81.93	86.27	86.27
63	98.79	73.27	95.08	78.08	91.14	82.60	86.97	86.97
64	99.60	73.87	95.85	78.67	91.88	83.27	87.68	87.68
65	100.40	74.46	96.68	79.30	92.62	83.94	88.39	88.39
66	101.20	75.06	97.40	79.93	93.36	84.61	89.10	89.10
67	102.0	75.65	98.17	80.57	94.10	85.28	89.80	89.80
68	102.81	76.25	98.95	81.20	94.84	85.96	90.51	90.51
69	103.61	76.85	99.72	81.84	95.58	86.63	91.22	91.22
70	104.42	77.44	100.49	82.47	96.32	87.30	91.92	91.92
71	105.22	78.04	101.26	83.11	97.06	87.97	92.63	92.63
72	106.02	78.63	102.04	83.74	97.81	88.64	93.34	93.34
73	106.83	79.23	102.81	84.38	98.55	89.31	94.05	94.05
74	107.63	79.82	103.58	85.01	99.29	89.99	94.75	94.75
75	108.43	80.42	104.36	85.64	100.03	90.66	95.46	95.46
76	109.24	81.02	105.13	86.28	100.77	91.33	96.17	96.17
77	110.04	81.61	105.90	86.91	101.51	92.00	96.87	96.87
78	110.84	82.21	106.68	87.55	102.25	92.67	97.58	97.58
79	111.64	82.80	107.45	88.18	102.99	93.34	98.29	98.29
80	112.45	83.40	108.22	88.82	103.78	94.01	99.00	99.00
81	113.25	83.99	108.99	89.45	104.47	94.69	99.70	99.70
82	114.05	84.59	109.77	90.08	105.21	95.36	100.41	100.41
83	114.86	85.19	110.54	90.72	105.96	96.03	101.12	101.12
84	115.66	85.78	111.31	91.35	106.70	96.70	101.82	101.82
85	116.46	86.38	112.09	91.99	107.44	97.37	102.53	102.53
86	117.27	86.97	112.86	92.62	108.18	98.04	103.24	103.24
87	118.07	87.57	113.63	93.26	108.92	98.71	103.95	103.95
88	118.87	88.16	114.41	93.89	109.66	99.39	104.65	104.65
89	119.68	88.76	115.18	94.53	110.40	100.06	105.36	105.36
90	120.48	89.36	115.95	95.16	111.14	100.73	106.07	106.07
91	121.28	89.95	116.72	95.79	111.88	101.40	106.77	106.77
92	122.09	90.55	117.50	96.43	112.62	102.07	107.48	107.48
93	122.89	91.14	118.27	97.06	113.37	102.74	108.19	108.19
94	123.69	91.74	119.04	97.70	114.11	103.42	108.89	108.89
95	124.50	92.33	119.82	98.33	114.85	104.09	109.60	109.60
96	125.30	92.93	120.59	98.97	115.59	104.76	110.31	110.31
97	126.10	93.52	121.36	99.60	116.33	105.43	111.02	111.02
98	126.91	94.12	122.14	100.24	117.07	106.10	111.72	111.72
99	127.71	94.72	122.91	100.87	117.81	106.77	112.43	112.43
100	128.51	95.31	123.68	101.50	118.55	107.44	113.14	113.14
01	129.32	95.91	124.45	102.14	119.29	108.12	113.84	113.84
02	130.12	96.50	125.23	102.77	120.03	108.79	114.55	114.55
03	130.92	97.10	126.00	103.41	120.77	109.46	115.26	115.26
04	131.72	97.69	126.77	104.04	121.52	110.13	115.97	115.97
05	132.53	98.29	127.55	104.68	122.26	110.80	116.67	116.67
06	133.33	98.89	128.32	105.31	123.00	111.47	117.38	117.38
07	134.13	99.48	129.09	105.94	123.74	112.15	118.09	118.09
08	134.94	100.08	129.87	106.58	124.48	112.82	118.79	118.79
09	135.74	100.67	130.64	107.21	125.22	113.49	119.50	119.50
110	136.54	101.27	131.41	107.85	125.96	114.16	120.21	120.21
11	137.35	101.86	132.18	108.48	126.70	114.83	120.92	120.92
12	138.15	102.46	132.96	109.12	127.44	115.50	121.62	121.62
13	138.95	103.06	133.73	109.75	128.18	116.17	122.33	122.33
14	139.76	103.65	134.50	110.39	128.93	116.85	123.04	123.04
15	140.56	104.25	135.28	111.02	129.67	117.52	123.74	123.74
16	141.36	104.84	136.05	111.65	130.41	118.19	124.45	124.45
17	142.17	105.44	136.82	112.29	131.15	118.86	125.16	125.16
18	142.97	106.03	137.60	112.92	131.89	119.53	125.87	125.87
19	143.77	107.63	138.37	113.56	132.63	120.20	126.57	126.57
120	144.58	107.23	139.14	114.19	133.37	120.88	127.28	127.28

	L.	D.	L.	D.	L.	D.	L.	D.
	¼		½		¾		o	

4 Points.

Dist.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	4 Points. L.	4 Points. D.
181	145.38	107.82	139.91	114.93	134.11	121.55	127.99	127.69
82	146.18	108.42	140.69	115.46	134.85	122.22	128.69	128.69
83	146.99	109.01	141.46	116.10	135.59	122.89	129.40	129.40
84	147.79	109.61	142.23	116.73	136.33	123.56	130.11	130.11
85	148.59	110.20	143.01	117.36	137.08	124.23	130.82	130.82
86	149.40	110.80	143.78	118.00	137.82	124.90	131.52	131.52
87	150.20	111.40	144.55	118.63	138.56	125.58	132.23	132.23
88	151.00	111.99	145.33	119.27	139.30	126.25	132.94	132.94
89	151.80	112.59	146.10	119.90	140.04	126.92	133.64	133.64
190	152.61	113.18	146.87	120.54	140.78	127.59	134.35	134.35
91	153.41	113.78	147.64	121.17	141.52	128.26	135.06	135.06
92	154.21	114.37	148.42	121.80	142.26	128.93	135.77	135.77
93	155.02	114.97	149.19	122.44	143.00	129.61	136.47	136.47
94	155.82	115.57	149.96	123.07	143.74	130.28	137.18	137.18
95	156.62	116.16	150.74	123.71	144.49	130.95	137.89	137.89
96	157.43	116.76	151.51	124.34	145.23	131.62	138.59	138.59
97	158.23	117.35	152.28	124.98	145.97	132.29	139.30	139.30
98	159.03	117.95	153.06	125.61	146.71	132.96	140.01	140.01
99	159.84	118.54	153.83	126.25	147.45	133.63	140.71	140.71
200	160.64	119.14	154.60	126.88	148.19	134.31	141.42	141.42
01	161.44	119.74	155.38	127.51	148.93	134.98	142.13	142.13
02	162.25	120.33	156.15	128.15	149.67	135.65	142.84	142.84
03	163.05	120.93	156.92	128.78	150.41	136.32	143.54	143.54
04	163.85	121.52	157.69	129.42	151.15	136.99	144.25	144.25
05	164.66	122.12	158.47	130.05	151.89	137.66	144.96	144.96
06	165.46	122.71	159.24	130.69	152.64	138.34	145.66	145.66
07	166.26	123.31	160.01	131.32	153.38	139.01	146.37	146.37
08	167.07	123.91	160.79	131.96	154.12	139.68	147.08	147.08
09	167.87	124.50	161.56	132.59	154.86	140.35	147.79	147.79
210	168.67	125.10	162.33	133.22	155.60	141.02	148.49	148.49
11	169.48	125.69	163.11	133.86	156.34	141.69	149.20	149.20
12	170.28	126.29	163.88	134.49	157.08	142.36	149.91	149.91
13	171.08	126.88	164.65	135.13	157.82	143.04	150.61	150.61
14	171.88	127.48	165.42	135.76	158.56	143.71	151.32	151.32
15	172.69	128.08	166.20	136.40	159.30	144.38	152.03	152.03
16	173.49	128.67	166.97	137.03	160.05	145.05	152.74	152.74
17	174.29	129.27	167.74	137.66	160.79	145.72	153.44	153.44
18	175.10	129.86	168.52	138.30	161.53	146.39	154.15	154.15
19	175.90	130.46	169.29	138.93	162.27	147.07	154.86	154.86
220	176.70	131.05	170.06	139.57	163.01	147.74	155.56	155.56
21	177.51	131.65	170.84	140.20	163.75	148.41	156.27	156.27
22	178.31	132.25	171.61	140.84	164.49	149.08	156.98	156.98
23	179.11	132.84	172.38	141.47	165.23	149.75	157.69	157.69
24	179.92	133.44	173.15	142.11	165.97	150.42	158.39	158.39
25	180.72	134.03	173.93	142.74	166.71	151.09	159.10	159.10
26	181.52	134.63	174.70	143.37	167.45	151.77	159.81	159.81
27	182.33	135.22	175.47	144.01	168.20	152.44	160.51	160.51
28	183.13	135.82	176.25	144.64	168.94	153.11	161.22	161.22
29	183.93	136.42	177.02	145.28	169.68	153.78	161.93	161.93
230	184.74	137.01	177.79	145.91	170.42	154.45	162.64	162.64
31	185.54	137.61	178.57	146.55	171.16	155.12	163.34	163.34
32	186.34	138.20	179.34	147.18	171.90	155.79	164.05	164.05
33	187.15	138.80	180.11	147.82	172.64	156.47	164.76	164.76
34	187.95	139.39	180.88	148.45	173.38	157.14	165.46	165.46
35	188.75	139.99	181.66	149.08	174.12	157.81	166.17	166.17
36	189.56	140.59	182.43	149.72	174.86	158.48	166.88	166.88
37	190.36	141.18	183.20	150.35	175.61	159.15	167.59	167.59
38	191.16	141.78	183.98	150.99	176.35	159.82	168.29	168.29
39	191.96	142.37	184.75	151.62	177.09	160.50	169.00	169.00
240	192.77	142.97	185.52	152.26	177.83	161.17	169.71	169.71
	D. ¾	L.	D. ½	L.	D. ¼	L.	D. 0	L.

3 Points.

Dif.	¼ L.	¼ D.	½ L.	½ D.	¾ L.	¾ D.	4 Points. L.	D.
241	193.57	143.56	186.30	152.89	178.57	161.84	170.41	179.41
42	194.37	144.16	187.07	153.52	179.31	162.51	171.12	171.12
43	195.18	144.76	187.84	154.16	180.05	163.18	171.83	171.83
44	195'98	145.35	188.61	154.79	180.79	163.85	172.53	172.53
45	196.78	145.95	189.39	155.43	181.53	164.52	173.24	173.24
46	197.59	146.54	190.16	156.06	182.27	165.20	173.95	173.95
47	198.39	147.14	190.93	156.70	183.01	165.87	174.66	174.66
48	199.19	147.73	191.71	157.33	183.76	166.54	175.36	175.36
49	200.00	148.33	192.48	157.97	184.50	167.21	176.07	176.07
250	200.80	148.93	193.25	158.60	185.24	167.88	176.78	176.78
51	201.60	149.52	194.03	159.23	185.98	168.55	177.48	177.48
52	202.41	150.12	194.80	159.87	186.72	169.23	178.19	178.19
53	203.21	150.71	195.57	160.50	187.46	169.90	178.90	178.90
54	204.01	151.31	196.34	161.14	188.20	170.57	179.61	179.61
55	204.82	151.90	197.12	161.77	188.94	171.24	180.31	180.31
56	205.62	152.50	197.89	162.41	189.68	171.91	181.02	181.02
57	206.42	153.09	198.66	163.04	190.42	172.58	181.73	181.73
58	207.23	153.69	199.44	163.68	191.17	173.25	182.43	182.43
59	208.03	154.29	200.21	164.31	191.91	173.93	183.14	183.14
260	208.83	154.88	200.98	164.94	192.65	174.60	183.85	183.85
61	209.64	155.48	201.76	165.58	193.39	175.27	184.56	184.56
62	210.44	156.07	202.53	166.21	194.13	175.94	185.26	185.26
63	211.24	156.67	203.30	166.85	194.87	176.61	185.97	185.97
64	212.04	157.26	204.07	167.48	195.61	177.28	186.68	186.68
65	212.85	157.86	204.85	168.12	196.35	177.96	187.38	187.38
66	213.65	158.46	205.62	168.75	197.09	178.63	188.09	188.09
67	214.45	159.05	206.39	169.38	197.83	179.30	188.80	188.80
68	215.26	159.65	207.17	170.02	198.57	179.97	189.51	189.51
69	216.06	160.24	207.94	170.65	199.32	180.64	190.21	190.21
270	216.86	160.84	208.71	171.29	200.06	181.31	190.92	190.92
71	217.67	161.43	209.49	171.92	200.80	181.98	191.63	191.63
72	218.47	162.03	210.26	172.56	201.54	182.66	192.33	192.33
73	219.27	162.63	211.03	173.19	202.28	183.33	193.04	193.04
74	220.08	163.22	211.80	173.83	203.02	184.00	193.75	193.75
75	220.88	163.82	212.58	174.46	203.76	184.67	194.46	194.46
76	221.68	164.41	213.35	175.09	204.50	185.34	195.16	195.16
77	222.49	165.01	214.12	175.73	205.24	186.01	195.87	195.87
78	223.29	165.60	214.90	176.36	205.98	186.69	196.58	196.58
79	224.06	166.20	215.67	177.00	206.73	187.36	197.28	197.28
280	224.90	166.80	216.44	177.63	207.47	188.03	197.99	197.99
81	225.70	167.39	217.22	178.27	208.21	188.70	198.70	198.70
82	226.50	167.99	217.99	178.90	208.95	189.37	199.41	199.41
83	227.31	168.58	218.76	179.54	209.69	190.04	200.11	200.11
84	228.11	169.18	219.53	180.17	210.43	190.71	200.82	200.82
85	228.91	169.77	220.31	180.80	211.17	191.39	201.53	201.53
86	229.72	170.37	221.08	181.44	211.91	192.06	202.23	202.23
87	230.52	170.97	221.85	182.07	212.65	192.73	202.94	202.94
88	231.32	171.56	222.63	182.71	213.39	193.40	203.65	203.65
89	232.12	172.16	223.40	183.34	214.13	194.67	204.35	204.35
290	232.93	172.75	224.17	183.98	214,88	194.74	205.06	205.06
91	233.73	178.35	224.95	184.61	215.62	195.42	205.77	205.77
92	234.53	173.94	225.72	185.24	216.36	196.09	206.48	206.48
93	235.34	174.54	226.49	185.88	217.10	196.76	207.18	207.18
94	236.14	175.14	227.26	186.51	217.84	197.43	207.89	207.89
95	236.94	175.73	228.04	187.15	218.58	198.10	208.60	208.60
96	237.75	176.33	228.81	187.78	219.32	198.77	209.30	209.30
97	238.55	176.92	229.58	188.42	220.06	199.44	210.01	210.01
98	239.35	177.52	230.36	189.05	220.80	200.12	210.72	210.72
99	240.16	178.11	231.13	189.69	221.54	200.79	211.43	211.43
300	240.96	178.71	231.90	190.32	222.29	201.46	212.13	212.13

D.	L. ¼	D.	L. ¼	D.	L. ½	D.	L. 0

4 Points.

TABLE III.

FROM WHENCE THE SIDES

OF

PLANE RIGHT ANGLED TRIANGLES

MAY BE TAKEN TO

SIX PLACES OF FIGURES;

BEING THE

RADICAL TABLE,

On which the Preceding Two are Founded.

0°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	1.00000	0.00291	0.99998	0.00582	0.99996	0.00873	0.99991	0.01164	0.99989	0.01454	0.99985	0.01745
2.00000	2.00000	0.00582	1.99996	0.01164	1.99992	0.01746	1.99986	0.02328	1.99978	0.02908	1.99970	0.03490
3.00000	3.00000	0.00873	2.99994	0.01746	2.99988	0.02619	2.99979	0.03492	2.99967	0.04362	2.99955	0.05235
4.00000	4.00000	0.01164	3.99992	0.02328	3.99984	0.03492	3.99972	0.04656	3.99956	0.05816	3.99940	0.06980
5.00000	5.00000	0.01455	4.99990	0.02910	4.99980	0.04365	4.99965	0.05820	4.99945	0.07270	4.99925	0.08725
6.00000	6.00000	0.01746	5.99988	0.03492	5.99976	0.05238	5.99958	0.06984	5.99934	0.08724	5.99910	0.10470
7.00000	7.00000	0.02037	6.99986	0.04074	6.99972	0.06111	6.99951	0.08148	6.99923	0.10178	6.99895	0.12215
8.00000	8.00000	0.02328	7.99984	0.04656	7.99968	0.06984	7.99944	0.09312	7.99912	0.11632	7.99880	0.13960
9.00000	9.00000	0.02619	8.99982	0.05238	8.99964	0.07857	8.99937	0.10476	8.99901	0.13086	8.99865	0.15705
10.00000	10.00000	0.02910	9.99980	0.05820	9.99960	0.08730	9.99930	0.11640	9.99890	0.14540	9.99850	0.17450
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0	

89°

1°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99979	0.02036	0.99973	0.02327	0.99966	0.02618	0.99958	0.02908	0.99949	0.03199	0.99939	0.03490
2.00000	1.99958	0.04072	1.99946	0.04654	1.99932	0.05236	1.99916	0.05816	1.99898	0.06398	1.99878	0.06980
3.00000	2.99937	0.06108	2.99919	0.06981	2.99898	0.07854	2.99874	0.08724	2.99847	0.09597	2.99817	0.10470
4.00000	3.99916	0.08144	3.99892	0.09308	3.99864	0.10472	3.99832	0.11632	3.99796	0.12796	3.99756	0.13960
5.00000	4.99895	0.10180	4.99865	0.11635	4.99830	0.13090	4.99790	0.14540	4.99745	0.15995	4.99695	0.17450
6.00000	5.99874	0.12216	5.99838	0.13962	5.99796	0.15708	5.99748	0.17448	5.99694	0.19194	5.99634	0.20940
7.00000	6.99853	0.14252	6.99811	0.16289	6.99762	0.18326	6.99706	0.20356	6.99648	0.22393	6.99573	0.24430
8.00000	7.99832	0.16288	7.99784	0.18616	7.99728	0.20944	7.99664	0.23264	7.99592	0.25592	7.99512	0.27920
9.00000	8.99811	0.18324	8.99757	0.20943	8.99694	0.23562	8.99622	0.26172	8.99541	0.28791	8.99451	0.31410
10.00000	9.99790	0.20360	9.99730	0.23270	9.99660	0.26180	9.99580	0.29080	9.99490	0.31990	9.99390	0.34900
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

88°

2°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99929	0.03781	0.99917	0.04071	0.99905	0.04362	0.99892	0.04653	0.99878	0.04949	0.99863	0.05284
2.00000	1.99858	0.07562	1.99834	0.08142	1.99810	0.08724	1.99784	0.09306	1.99756	0.09886	1.99726	0.10468
3.00000	2.99787	0.11343	2.99751	0.12213	2.99715	0.13086	2.99676	0.13959	2.99634	0.14829	2.99589	0.15702
4.00000	3.99716	0.15124	3.99668	0.16284	3.99620	0.17448	3.99568	0.18612	3.99512	0.19772	3.99452	0.20936
5.00000	4.99645	0.18905	4.99585	0.20355	4.99525	0.21810	4.99460	0.23265	4.99390	0.24715	4.99315	0.26170
6.00000	5.99574	0.22686	5.99502	0.24426	5.99430	0.26172	5.99352	0.27918	5.99268	0.29658	5.99178	0.31404
7.00000	6.99503	0.26467	6.99419	0.28497	6.99335	0.30534	6.99244	0.32571	6.99146	0.34601	6.99041	0.36638
8.00000	7.99432	0.30248	7.99336	0.32568	7.99240	0.34896	7.99136	0.37224	7.99024	0.39544	7.98904	0.41872
9.00000	8.99361	0.34029	8.99253	0.36639	8.99145	0.39258	8.99028	0.41877	8.98902	0.44487	8.98767	0.47106
10.00000	9.99290	0.37810	9.99170	0.40710	9.99050	0.43620	9.98920	0.46530	9.98780	0.49430	9.98630	0.52340
	D.	L. 50′	D.	L. 40′	D.	L. 30′	D.	L. 20′	D.	L. 10′	D.	L. 0′

87°

3°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99847	0.05524	0.99831	0.05814	0.99813	0.06105	0.99795	0.06395	0.99776	0.06685	0.99756	0.06976
2.00000	1.99694	0.11048	1.99662	0.11628	1.99626	0.12210	1.99590	0.12790	1.99552	0.13370	1.99512	0.13952
3.00000	2.99541	0.16572	2.99493	0.17442	2.99439	0.18315	2.99385	0.19185	2.99328	0.20055	2.99268	0.20928
4.00000	3.99388	0.22096	3.99324	0.23256	3.99252	0.24420	3.99180	0.25580	3.99104	0.26740	3.99024	0.27904
5.00000	4.99235	0.27620	4.99155	0.29070	4.99065	0.30525	4.98975	0.31975	4.98880	0.33425	4.98780	0.34880
6.00000	5.99082	0.33144	5.98986	0.34884	5.98878	0.36630	5.98770	0.38370	5.98656	0.40110	5.98536	0.41856
7.00000	6.98929	0.38668	6.98817	0.40698	6.98691	0.42735	6.98565	0.44765	6.98432	0.46795	6.98292	0.48832
8.00000	7.98776	0.44192	7.98648	0.46512	7.98504	0.48840	7.98360	0.51160	7.98208	0.53480	7.98048	0.55808
9.00000	8.98623	0.49716	8.98479	0.52326	8.98317	0.54945	8.98155	0.57555	8.97984	0.60165	8.97804	0.62784
10.00000	9.98470	0.55240	9.98310	0.58140	9.98130	0.61050	9.97950	0.63950	9.97760	0.66850	9.97560	0.69760
	D.	L. 50′	D.	L. 40′	D.	L. 30′	D.	L. 20′	D.	L. 10′	D.	L. 0′

86°

4°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99786	0.07266	0.99714	0.07566	0.99692	0.07846	0.99668	0.08136	0.99644	0.08426	0.99619	0.08716
2.00000	1.99472	0.14532	1.99428	0.15112	1.99384	0.15692	1.99336	0.16272	1.99288	0.16852	1.99238	0.17432
3.00000	2.99208	0.21798	2.99142	0.22668	2.99076	0.23538	2.99004	0.24408	2.98932	0.25278	2.98857	0.26148
4.00000	3.98944	0.29064	3.98856	0.30224	3.98768	0.31384	3.98672	0.32544	3.98576	0.33704	3.98476	0.34864
5.00000	4.98680	0.36330	4.98570	0.37780	4.98460	0.39230	4.98340	0.40680	4.98220	0.42130	4.98095	0.43580
6.00000	5.98416	0.43596	5.98284	0.45336	5.98152	0.47076	5.98008	0.48816	5.97864	0.50556	5.97714	0.52296
7.00000	6.98152	0.50862	6.97998	0.52892	6.97844	0.54922	6.97676	0.56952	6.97508	0.58982	6.97333	0.61012
8.00000	7.97888	0.58128	7.97712	0.60448	7.97536	0.62768	7.97344	0.65088	7.97152	0.67408	7.96952	0.69728
9.00000	8.97624	0.65394	8.97426	0.68004	8.97228	0.70614	8.97012	0.73224	8.96796	0.75834	8.96571	0.78444
10.00000	9.97360	0.72660	9.97140	0.75560	9.96920	0.78460	9.96690	0.81360	9.96440	0.84260	9.96190	0.87160
	D. 50′	L.	D. 40′	L.	D. 30′	L.	D. 20′	L.	D. 10′	L.	D. 0″	L.

85°

5°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99594	0.09005	0.99567	0.09295	0.99540	0.09585	0.99511	0.09874	0.99482	0.10164	0.99452	0.10453
2.00000	1.99188	0.18010	1.99134	0.18590	1.99080	0.19170	1.99022	0.19748	1.98964	0.20328	1.98904	0.20906
3.00000	2.98782	0.27015	2.98701	0.27885	2.98620	0.28755	2.98533	0.29622	2.98446	0.30492	2.98356	0.31359
4.00000	3.98376	0.36020	3.98268	0.37180	3.98160	0.38340	3.98044	0.39496	3.97928	0.40656	3.97808	0.41812
5.00000	4.97970	0.45025	4.97835	0.46475	4.97700	0.47925	4.97555	0.49370	4.97410	0.50820	4.97260	0.52265
6.00000	5.97564	0.54030	5.97402	0.55770	5.97240	0.57510	5.97066	0.59244	5.96892	0.60984	5.96712	0.62718
7.00000	6.97158	0.63035	6.96969	0.65065	6.96780	0.67095	6.96577	0.69118	6.96374	0.71148	6.96164	0.73171
8.00000	7.96752	0.72040	7.96536	0.74360	7.96320	0.76680	7.96088	0.78992	7.95856	0.81812	7.95616	0.83624
9.00000	8.96346	0.81045	8.96103	0.83655	8.95860	0.86265	8.95599	0.88866	8.95338	0.91476	8.95068	0.94077
10.00000	9.95940	0.90050	9.95670	0.92950	9.95400	0.95850	9.95110	0.98740	9.94820	1.01640	9.94520	1.04530
	D. 50′	L.	D. 40′	L.	D. 30′	L.	D. 20′	L.	D. 10′	L.	D. 0′	L.

84°

6°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99421	0.10742	0.99390	0.11031	0.99357	0.11320	0.99324	0.11609	0.99290	0.11898	0.99255	0.12187
2.00000	1.98842	0.21484	1.98780	0.22062	1.98714	0.22640	1.98648	0.23218	1.98580	0.23796	1.98510	0.24374
3.00000	2.98263	0.32226	2.98170	0.33093	2.98071	0.33960	2.97972	0.34827	2.97870	0.35694	3.97765	0.36561
4.00000	3.97684	0.42968	3.97560	0.44124	3.97428	0.45280	3.97296	0.46436	3.97160	0.47562	3.97020	0.48748
5.00000	4.97105	0.53710	4.96950	0.55155	4.96785	0.56600	4.96620	0.58045	4.96450	0.59490	4.96275	0.60935
6.00000	5.96526	0.64452	5.96340	0.66186	5.96142	0.67920	5.95944	0.69654	5.95740	0.71388	5.95530	0.73122
7.00000	6.95947	0.75194	6.95730	0.77217	6.95499	0.79240	6.95268	0.81263	6.95030	0.83286	6.94785	0.85309
8.00000	7.95368	0.85936	7.95120	0.88248	7.94856	0.90560	7.94592	0.92872	7.94320	0.95184	7.94040	0.97496
9.00000	8.94789	0.96678	8.94510	0.99279	8.94213	1.01880	8.93916	1.04481	8.93610	1.07082	8.93295	1.09683
10.00000	9.94210	1.07420	9.93900	1.10310	9.93570	1.13200	9.93240	1.16090	9.92900	1.18980	9.92550	1.21870
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

83°

7°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.99219	0.12476	0.99182	0.12764	0.99144	0.13053	0.99106	0.13341	0.99067	0.13629	0.99027	0.13917
2.00000	1.98438	0.24952	1.98364	0.25528	1.98288	0.26106	1.98212	0.26682	1.98134	0.27258	1.98054	0.27834
3.00000	2.97657	0.37428	2.97546	0.38292	2.97432	0.39159	2.97318	0.40023	2.97201	0.40887	2.97081	0.41751
4.00000	3.96876	0.49904	3.96728	0.51056	3.96576	0.42212	3.96424	0.53364	3.96268	0.54516	3.96108	0.55668
5.00000	4.96095	0.62380	4.95910	0.63820	4.95720	0.65265	4.95530	0.66705	4.95335	0.68145	4.95135	0.69585
6.00000	5.95314	0.74856	5.95092	0.76584	5.94864	0.78318	5.94636	0.80046	5.94402	0.81774	5.94162	0.83502
7.00000	6.94533	0.87332	6.94274	0.89348	6.94008	0.91371	7.93742	0.93387	6.93469	0.95403	6.93189	0.97419
8.00000	7.93752	0.99808	7.93456	1.02112	7.93152	1.04424	7.92848	1.06728	7.92536	1.09032	7.92216	1.11336
9.00000	8.92971	1.12284	8.92638	1.14876	8.92296	1.17477	8.91954	1.20069	8.91603	1.22661	8.91243	1.25253
10.00000	9.92190	1.24760	9.91820	1.27640	9.91440	1.30530	9.91060	1.33410	9.90670	1.36290	9.90270	1.39170
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

82°

8°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ D.	60′ L.
1.00000	0.98986	0.14205	0.98944	0.14493	0.98902	0.14781	0.98858	0.15069	0.98814	0.15356	0.98769	0.15643
2.00000	1.97972	0.28410	1.97888	0.28986	1.97804	0.29562	1.97716	0.30138	1.97628	0.30712	1.97538	0.31286
3.00000	2.96958	0.42615	2.96832	0.43479	2.96706	0.44343	2.96574	0.45207	2.96442	0.46068	2.96307	0.46929
4.00000	3.95944	0.56820	3.95776	0.57972	3.95608	0.59124	3.95432	0.60276	3.95256	0.61424	3.95076	0.62372
5.00000	4.94930	0.71025	4.94720	0.72465	4.94510	0.73905	4.94290	0.75345	4.94070	0.76780	4.93845	0.78215
6.00000	5.93916	0.85230	5.93664	0.86958	5.93412	0.88686	5.93148	0.90414	5.92884	0.92136	5.92614	0.93858
7.00000	6.92902	0.99435	6.92608	1.01451	6.92314	1.03467	6.92006	1.05483	6.91698	1.07492	6.91383	1.09501
8.00000	7.91888	1.13640	7.91552	1.15944	7.91216	1.18248	7.90864	1.20552	7.90512	1.22848	7.90152	1.25144
9.00000	8.90874	1.27845	8.90496	1.30437	8.90118	1.33029	8.89722	1.35621	8.89326	1.38204	8.88921	1.40787
10.00000	9.89860	1.42050	9.89440	1.44930	9.89020	1.47810	9.88580	1.50690	9.88140	1.53560	9.87690	1.56430
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

81°

9°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.98723	0.15931	0.98676	0.16218	0.98629	0.16505	0.98580	0.16792	0.98531	0.17078	0.98481	0.17365
2.00000	1.97446	0.31862	1.97352	0.32436	1.97258	0.33010	1.97160	0.33584	1.97062	0.34156	1.96962	0.34730
3.00000	2.96169	0.47793	2.96028	0.48654	2.95887	0.49515	2.95740	0.50376	2.95593	0.51234	2.95443	0.52095
4.00000	3.94892	0.63724	3.94704	0.64872	3.94516	0.66020	3.94320	0.67168	3.94124	0.68312	3.93924	0.69460
5.00000	4.93615	0.79655	4.93380	0.81090	4.93145	0.82525	4.92900	0.83960	4.92655	0.85390	4.92405	0.86825
6.00000	5.92338	0.95586	5.92056	0.97308	5.91774	0.99030	5.91480	1.00752	5.91186	1.02468	5.90886	1.04190
7.00000	6.91061	1.11517	6.90732	1.13526	6.90403	1.15535	6.90060	1.17544	6.89717	1.19546	6.89367	1.21555
8.00000	7.89784	1.27448	7.89408	1.29744	7.89032	1.32040	7.88640	1.34336	7.88248	1.36624	7.87848	1.38920
9.00000	8.88507	1.43379	8.88084	1.45962	8.87661	1.48545	8.87220	1.51128	8.86779	1.53702	8.86329	1.56285
10.00000	9.87230	1.59310	9.86760	1.62180	9.86290	1.65050	9.85800	1.67920	9.85310	1.70780	9.84810	1.73650
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

80°

10°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.98450	0.17651	0.98378	0.17937	0.98325	0.18224	0.98272	0.18509	0.98218	0.18795	0.98163	0.19081
2.00000	1.96860	0.35302	1.96756	0.35874	1.96650	0.36448	1.96544	0.37018	1.96436	0.37590	1.96326	0.38162
3.00000	2.95290	0.52953	2.95134	0.53811	2.94975	0.54672	2.94816	6.55527	2.94654	0.56385	2.94489	0.57243
4.00000	3.93720	0.70604	3.93512	0.71748	3.93300	0.72896	3.93088	0.74036	3.92872	0.75180	3.92652	0.76324
5.00000	4.92150	0.88255	4.91890	0.89685	4.91625	0.91120	4.91360	0.92545	4.91090	0.93975	4.90815	0.95405
6.00000	5.90580	1.05906	5.90268	1.07622	5.89950	1.09344	5.89632	1.11054	5.89308	1.12770	5.88978	1.14486
7.00000	6.89010	1.23557	6.88646	1.25559	6.88275	1.27568	6.87904	1.29563	6.87526	1.31565	6.87141	1.33567
8.00000	7.87440	1.41208	7.87024	1.43496	7.86600	1.45792	7.86176	1.48072	7.85744	1.50360	7.85304	1.52648
9.00000	8.85870	1.58859	8.85402	1.61433	8.84925	1.64016	8.84448	1.66581	8.83962	1.65155	8.83467	7.71729
10.00000	9.84300	1.76510	9.83780	1.79370	9.83250	1.82240	9.82720	1.85090	9.82180	1.87950	9.81630	1.90810
	D. L.		D. L.		D. L.		D. L.		D. L.		D. L.	
	50′		40′		30′		20′		10′		0′	

79°

11°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.98107	0.19366	0.98050	0.19652	0.97992	0.19937	0.97934	0.20222	0.97875	0.20507	0.97815	0.20791
2.00000	1.96214	0.38732	1.96100	0.39304	1.95984	0.39874	1.95868	0.40444	1.95750	0.41014	1.95630	0.41582
3.00000	2.94321	0.58098	2.94150	0.58956	2.93976	0.59811	2.93802	0.60666	2.93625	0.61521	2.93445	0.62373
4.00000	3.92428	0.77464	3.92200	0.78608	3.91968	0.79748	3.91736	0.80888	3.91500	0.82028	3.91260	0.83164
5.00000	4.90535	0.96830	4.90250	0.98260	4.89960	0.99685	4.89670	1.01110	4.89375	1.02535	4.89075	1.03955
6.00000	5.88642	1.16196	5.88300	1.17912	5.87952	1.19622	5.87604	1.21332	5.87250	1.23042	5.86890	1.24746
7.00000	6.86749	1.35562	6.86350	1.37564	6.85944	1.39559	6.85538	1.41554	6.85125	1.43549	6.84705	1.45537
8.00000	8.84856	1.54928	7.84400	1.57216	7.83936	1.59496	7.83472	1.61776	7.83000	1.64056	7.82520	1.66328
9.00000	8.82963	1.74294	8.82450	1.76868	8.81928	1.79433	8.81406	1.81998	8.80875	1.84563	8.80335	1.87119
10.00000	9.81070	1.93660	9.80500	1.96520	9.79920	1.99370	9.79340	2.02220	9.78750	2.05070	9.78150	2.07910
	L. D.		D. L.		D. L.		D. L.		D. L.		D L.	
	50′		40′		30′		20′		10′		0′	

78°

12°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60 L.	60 D.
1,00000	0.97754	0.21076	0.97692	0.21360	0.97630	0.21644	0.97566	0.21928	0.97502	0.22212	0.97437	0.22495
2.00000	1.95508	0.42152	1.95384	0.42720	1.95260	0.43288	1.95132	0.43856	1.95004	0.44424	1.94874	0.44990
3.00000	2.93262	0.63228	2.93076	0.64080	2.92890	0.64932	2.92698	0.65784	2.92506	0.66636	2.92311	0.67485
4.00000	3.91016	0.84304	3.90768	0.85440	3.90520	0.86576	3.90264	0.87712	3.90008	0.88848	3.89748	0.89980
5.00000	4.88770	1.05380	4.88460	1.06800	4.88150	1.08220	4.87830	1.09640	4.87510	1.11060	4.87185	1.12475
6.00000	5.86524	1.26456	5.86152	1.28160	5.85780	1.29864	5.85396	1.31568	5.85012	1.33272	5.84622	1.34970
7.00000	6.84278	1.47532	6.83844	1.49520	6.83410	1.51508	6.82962	1.53496	6.82514	1.55484	6.82059	1.57465
8.00000	7.82032	1.68608	7.81536	1.70880	7.81040	1.73152	7.80528	1.75424	7.80016	1.77696	7.79496	1.79960
9.00000	8.79786	1.89684	8.79228	1.92240	8.78670	1.94796	8.78094	1.97352	8.77518	1.99908	8.76933	2.02455
10.00000	9.77540	1,10760	9.76920	2.13600	9.76300	2.16440	9.75660	2.19280	9.75020	2.22120	9.74370	2.24950
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

77°

13°

Distances.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60 L.	60 D.
1.00000	0.97371	0.22778	0.97304	0.23062	0.97237	0.23345	0.97169	0.23627	0.97100	0.23910	0.97030	0.24192
2.00000	1.94742	0.45556	1.94608	0.46124	1.94474	0.46690	1.94338	0.47254	1.94200	0.47820	1.94060	0.48384
3.00000	2.92118	0.68334	2.91912	0.69186	2.91711	0.70035	2.91507	0.70881	2.91300	0.71730	2.91090	0.72576
4.00000	3.89484	0.91112	3.89216	0.92248	3.88948	0.93380	3.88676	0.94508	3.88400	0.95640	3.88120	0.96768
5.00000	4.86855	1.13890	4.86520	1.15310	4.86185	1.16725	4.85845	1.18135	4.85500	1.19550	4.85150	1.20960
6.00000	5.84226	1.36668	5.83824	1.38372	5.83422	1.40070	5.83014	1.41762	5.82600	1.43460	5.82180	1.45152
7.00000	6.81597	1.59446	6.81128	1.61434	6.80659	1.63415	6.80183	1.65389	6.79700	1.67370	6.79210	1.69344
8.00000	7.78968	1.82224	7.78432	1.84496	7.77896	1.86760	7.77352	1.89016	7.76800	1.91280	7.76240	1.93536
9.00000	8.76339	2.05002	8.75736	2.07558	8.75133	2.10105	8.74521	2.12643	8.73900	2.15190	8.73270	2.17728
10.00000	9.73710	2.27780	9.73040	2.30620	9.72370	2.33450	9.71690	2.36270	9.71000	2.39100	9.70300	2.41920
	D.	L.	D	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

76°

M M

14°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.96959	0.24474	0.96887	0.24756	0.96815	0.25038	0.96742	0.25320	0.96667	0.25601	0.96593	0.25882
2.00000	1.93918	0.48948	1.93774	0.49512	1.93630	0.50076	1.93484	0.50640	1.93334	0.51202	1.93186	0.51764
3.00000	2.90877	0.73422	2.90661	0.74268	2.90445	0.75114	2.90226	0.75960	2.90001	0.76803	2.89779	0.77646
4.00000	3.87836	0.97896	3.87548	0.99024	3.87260	1.00152	3.86968	1.01280	3.86668	1.02404	3.86372	1.03528
5.00000	4.84795	1.22370	4.84435	1.23780	4.84075	1.25190	4.83710	1.26600	4.83335	1.28005	4.82965	1.29410
6.00000	5.81754	1.46844	5.81322	1.48536	5.80890	1.50228	5.80452	1.51920	5.80002	1.53606	5.79558	1.55292
7.00000	6.78713	1.71318	6.78209	1.73292	6.77705	1.75266	6.77194	1.77240	6.76669	1.79207	6.76151	1.81174
8.00000	7.75672	1.95792	7.75096	1.98048	7.74520	2.00304	7.73936	2.02560	7.73336	2.04808	7.72744	2.07056
9.00000	8.72631	2.20266	8.71983	2.22804	8.71335	2.25342	8.70678	2.27880	8.70003	2.30409	8.69337	2.32938
10.00000	9.69590	2.44740	9.68870	2.47560	9.68150	2.50380	9.67420	2.53200	9.66670	2.56010	9.65930	2.58820
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	0′ D.	L.
	50′		40′		30′		20′		10′			

75°

15°

Distance	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D′
1.00000	0.96517	0.26163	0.96440	0.26443	0.96363	0.26724	0.96285	0.27004	0.96206	0.27284	0.96126	0.27564
2.00000	1.93034	0.52326	1.92880	0.52886	1.92726	0.53448	1.92570	0.54008	1.92412	0.54568	1.92252	0.55128
3.00000	2.89551	0.78489	2.89320	0.79329	2.89089	0.80172	2.88855	0.81012	2.88618	0.81852	2.88378	0.82692
4.00000	3.86068	1.04652	3.85760	1.05772	3.85452	1.06896	3.85140	1.08016	3.84824	1.09136	3.84504	1.10256
5.00000	4.82585	1.30815	4.82200	1.32215	4.81815	1.33620	4.81425	1.35020	4.81030	1.36420	4.80630	1.37820
6.00000	5.79102	1.56978	5.78640	1.58658	5.78178	1.60344	5.77710	1.62024	5.77236	1.63704	5.76756	1.65384
7.00000	6.75619	1.83141	6.75080	1.85101	6.74541	1.87068	6.73995	1.89028	6.73442	1.90988	6.72882	1.92948
8.00000	7.72136	2.09304	7.71520	2.11544	7.70904	2.13792	7.70280	2.16032	7.69648	2.18272	7.69008	2.20512
9.00000	8.68653	2.35467	8.67960	2.37987	8.67267	2.40516	8.66565	2.43036	8.65854	2.45556	8.64134	2.48076
10.00000	9.65170	2.61630	9.64400	2.64430	9.63630	2.67240	9.62850	2.70040	9.62060	2.72840	9.61260	2.75640
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

74°

16°

Distance,	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.96046	0.27843	0.95964	0.28123	0.95882	0.28402	0.95799	0.28680	0.95715	0.28959	0.95630	0.29237
2.00000	1.92092	0.55686	1.91928	0.56246	1.91764	0.56804	1.91598	0.57360	1.91430	0.57918	1.91260	0.58474
3.00000	2.88138	0.83529	2.87892	0.84369	2.87646	0.85206	2.87397	0.86040	2.87145	0.86877	2.86890	0.87711
4.00000	3.84184	1.11372	3.83856	1.12492	3.83528	1.13608	3.83196	1.14720	3.82860	1.15836	3.82520	1.16948
5.00000	4.80230	1.39215	4.79820	1.40615	4.79410	1.42010	4.78995	1.43400	4.78575	1.44795	4.78150	1.46185
6.00000	5.76276	1.67058	5.75784	1.68738	5.75292	1.70412	5.74794	1.72080	5.74290	1.73754	5.73780	1.75422
7.00000	6.72322	1.94901	6.71748	1.96861	6.71174	1.98814	6.70593	2.00760	6.70005	2.02713	6.69410	2.04659
8.00000	7.68368	2.22744	7.67712	2.24984	7.67056	2.27216	7.66392	2.29440	7.65720	2.31672	7.65040	2.33896
9.00000	8.64414	2.50587	8.63676	2.53107	8.62938	2.55618	8.62191	2.58120	8.61435	2.60631	8.60670	2.63133
10.00000	9.60460	2.78430	9.59640	2.81230	9.58820	2.84020	9.57990	2.86800	9.57150	2.89590	9.56300	2.92370
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

73°

17°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.95545	0.29515	0.95459	0.29793	0.95372	0.30071	0.95284	0.30348	0.95195	0.30625	0.95106	0.30902
2.00000	1.91090	0.59030	1.90918	0.59586	1.90744	0.60142	1.90568	0.60696	1.90390	0.61250	1.90212	0.61804
3.00000	2.86635	0.88545	2.86377	0.89379	2.86116	0.90213	2.85852	0.91044	2.85585	0.91875	2.85318	0.92706
4.00000	3.82180	1.18060	3.81836	1.19172	3.81488	1.20284	3.81136	1.21392	3.80780	1.22500	3.80424	1.23608
5.00000	4.77725	1.47575	4.77295	1.48965	4.76860	1.50355	4.76420	1.51740	4.75975	1.53125	4.75530	1.54510
6.00000	5.73270	1.77090	5.72754	1.78758	5.72232	1.80426	5.71704	1.82088	5.71170	1.83750	5.70636	1.85412
7.00000	6.68815	2.06605	6.68213	2.08551	6.67604	2.10497	6.66988	2.12436	6.66365	2.14375	6.65742	2.16314
8.00000	7.64360	2.36120	7.63672	2.38344	7.62976	2.40568	7.62272	2.42784	7.61560	2.45000	7.60848	2.47216
9.00000	8.59905	2.65635	8.59131	2.68137	8.58348	2.70639	8.57556	2.73132	8.56755	2.75625	8.55954	2.78118
10.00000	9.55450	2.95150	9.54590	2.97930	9.53720	3.00710	9.52840	3.03480	9.51950	3.06250	9.50060	3.09020
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

72°

18°

Distance.	L. 10'	D. 10'	L. 20'	D. 20'	L. 30'	D. 30'	L. 40'	D. 40'	L. 50'	D. 50'	L. 60'	D. 60'
1.00000	0.95015	0.31178	0.94924	0.31454	0.94832	0.31730	0.94740	0.32006	0.94645	0.32282	0.94552	0.32557
2.00000	1.90030	0.62356	1.89848	0.62908	1.89664	0.63460	1.89480	0.64012	1.89292	0.64564	1.89104	0.65114
3.00000	2.85045	0.93534	2.84772	0.94362	2.84496	0.95190	2.84220	0.96018	2.83938	0.96046	2.83656	0.97671
4.00000	3.80060	1.24712	3.79696	1.25816	3.79328	1.26920	3.78960	1.28024	3.78584	1.29128	3.78208	1.30228
5.00000	4.75075	1.55890	4.74620	1.57270	4.74160	1.58650	4.73700	1.60030	4.73230	1.61410	4.72760	1.62785
6.00000	5.70090	1.87068	5.69544	1.88724	5.68992	1.90380	5.68440	1.92036	5.67876	1.93692	5.67312	1.95342
7.00000	6.65105	2.18246	6.64468	2.20178	6.63824	2.22110	6.63180	2.24042	6.62522	2.25974	6.61864	2.27899
8.00000	7.60120	2.49424	7.59392	2.51632	7.58656	2.53840	7.57920	2.56048	7.57168	2.58256	7.56416	2.60456
9.00000	8.55135	2.80602	8.53316	2.83086	8.53488	2.85570	8.52660	2.88054	8.51814	2.90538	8.50968	2.93013
10.00000	9.50150	3.11780	9.49240	3.14540	9.48320	3.17300	9.47400	3.20060	9.46460	3.22820	9.45520	3.25570
	D. 50'	L. 50'	D. 40'	L. 40'	D. 30'	L. 30'	D. 20'	L. 20'	D. 10'	L. 10'	D. 0'	L. 0'

71°

19°

Distance.	L. 10'	D. 10'	L. 20'	D. 20'	L. 30'	D. 30'	L. 40'	D. 40'	L. 50'	D. 50'	L. 60'	D. 60'
1.00000	0.94457	0.32832	0.94361	0.33106	0.94264	0.33381	0.94167	0.33655	0.94068	0.33929	0.93969	0.34202
2.00000	1.88914	0.65664	1.88722	0.66212	1.88528	0.66762	1.88334	0.67310	1.88136	0.67858	1.87938	0.68404
3.00000	2.83371	0.98496	2.83083	0.99318	2.82792	1.00143	2.82501	1.00965	2.82204	1.01787	2.81907	1.02606
4.00000	3.77828	1.31328	3.77444	1.32424	3.77065	1.33524	3.76668	1.34620	3.76272	1.35716	3.75876	1.36808
5.00000	4.72285	1.64160	4.71805	1.65530	4.71320	1.66905	4.70835	1.68275	4.70340	1.69645	4.69845	1.71010
6.00000	5.66742	1.96992	5.66166	1.98636	5.65584	2.00286	5.65002	2.01930	5.64408	2.03574	5.63814	2.05212
7.00000	6.61199	2.29824	6.60527	2.31742	6.59848	2.33667	6.59169	2.35585	6.58476	2.37503	6.57783	2.39414
8.00000	7.55656	2.62656	7.54888	2.64848	7.54112	2.67048	7.53336	2.69240	7.52544	2.71432	7.51752	2.73616
9.00000	8.50113	2.95488	8.49249	2.97954	8.48376	3.00429	8.47503	3.02895	8.46612	3.05361	8.45721	3.07818
10.00000	9.44570	3.28320	9.43610	3.31060	9.42640	3.33810	9.41670	3.36550	9.40680	3.39290	9.39690	3.42020
	D. 50'	L. 50'	D. 40'	L. 40'	D. 30'	L. 30'	D. 20'	L. 20'	D. 10'	L. 10'	D. 0'	L. 0'

70°

20°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.93869	0.34475	0.93769	0.34748	0.93667	0.35021	0.93565	0.35293	0.93462	0.35565	0.93358	0.35837
2.00000	1.87738	0.68950	1.87538	0.69496	1.87334	0.70042	1.87130	0.70586	1.86924	0.71130	1.86716	0.71674
3.00000	2.81607	1.03425	2.81307	1.04244	2.81001	1.05063	2.80695	1.05879	2.80386	1.06695	2.80074	1.07511
4.00000	3.75476	1.37900	3.75076	1.38992	3.74668	1.40084	3.74260	1.41172	3.73848	1.42260	3.73432	1.43348
5.00000	4.69345	1.72375	4.68845	1.73740	4.68335	1.75105	4.67825	1.76465	4.67310	1.77825	4.66790	1.79185
6.00000	5.63214	2.06850	5.62614	2.08488	5.62002	2.10126	5.61390	2.11758	5.60772	2.13390	5.60148	2.15022
7.00000	6.57083	2.41325	6.56383	2.43236	6.55669	2.45147	6.54955	2.47051	6.54234	2.48955	6.53506	2.50859
8.00000	7.50952	2.75800	7.50152	2.77984	7.49336	2.80168	7.48520	2.82344	7.47696	2.84520	7.46864	2.86696
9.00000	8.4 821	3.10275	8.43921	3.12732	8.43003	3.15189	8.42085	3.17637	8.41158	3.20085	8.40222	3.22533
10.00000	9.38690	3.44750	9.37690	3.47480	9.36670	3.50210	9.35650	3.52930	9.34620	3.55650	9.33580	3.58370
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

69°

21°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.93253	0.36108	0.93148	0.36379	0.93042	0.36650	0.92935	0.36921	0.92827	0.37191	0.92718	0.37461
2.00000	1.86506	0.72216	1.86296	0.72758	1.86084	0.73300	1.85870	0.73842	1.85654	0.74382	1.85436	0.74922
3.00000	2.79759	1.08324	2.79444	1.09137	2.79126	1.09950	2.78805	1.10763	2.78481	1.11573	2.78154	1.12383
4.00000	3.73012	1.44432	3.72592	1.45516	3.72168	1.46600	3.71740	1.47684	3.71308	1.48764	3.70872	1.49844
5.00000	4.66265	1.80540	4.65740	1.81895	4.65210	1.83250	4.64675	1.84605	4.64135	1.85955	4.63590	1.87305
6.00009	5.59518	2.16648	5.58888	2.18274	5.58252	2.19900	5.57610	2.21526	5.56962	2.23146	5.56308	2.24766
7.00000	6.52771	2.52756	6.52036	2.54653	6.51294	2.56550	6.50545	2.58447	6.49789	2.60337	6.49026	2.62227
8.00000	7.46024	2.88864	7.45184	2.91032	7.44336	2.93200	7.43480	2.95368	7.42616	2.97528	7.41744	2.99688
9.00000	8.39277	3.24972	8.38332	3.27411	8.37378	3.29850	8.36415	3.32289	8.35443	3.34719	8.34462	3.37149
10.00000	9.32530	3.61080	9.31480	3.63790	9.30420	3.66500	9.29350	3.69210	9.28270	3.71910	9.27180	3.74610
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

68°

22°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.92609	0.37730	0.92499	0.37999	0.92388	0.38268	0.92276	0.38537	0.92164	0.38805	0.92050	0.39073
2.00000	1.85218	0.75460	1.84998	0.75998	1.84776	0.76536	1.84552	0.77074	1.84328	0.77610	1.84100	0.78146
3.00000	2.77827	1.13190	2.77497	1.13997	2.77164	1.14804	2.76828	1.15611	2.76492	1.16415	2.76150	1.17219
4.00000	3.70436	1.50920	3.69996	1.51996	3.69552	1.53072	3.69104	1.54148	3.68656	1.55220	3.68200	1.56292
5.00000	4.63045	1.88650	4.62495	1.89995	4.61940	1.91340	4.61380	1.92685	4.60820	1.94025	4.60250	1.95365
6.00000	5.55654	2.26380	5.54994	2.27994	5.54328	2.29608	5.53656	2.31222	5.52984	2.32830	5.52300	2.34438
7.00000	6.48263	2.64110	6.47493	2.65993	6.46716	2.67876	6.45932	2.69759	6.45148	2.71635	6.44350	2.73511
8.00000	7.40872	3.01840	7.39992	3.03992	7.39104	3.06144	7.38208	3.08296	7.37312	3.10440	7.36400	3.12584
9.00000	8.33481	3.39570	8.32491	3.41991	8.31492	3.44412	8.30484	3.46833	8.29476	3.49245	8.28450	3.51657
10.00000	9.26090	3.77300	9.24990	3.79990	9.23880	3.82680	9.22760	3.85370	9.21640	3.88050	9.20500	3.90730
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

67°

23°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.91936	0.39341	0.91822	0.39608	0.91706	039875	0.91590	0.40141	0.91472	0.40408	0.91355	0.40674
2.00000	1.83872	0.78682	1.83644	0.79216	1.83412	079750	1.83180	0.80282	1.82944	0.80816	1.82710	0.81348
3.00000	2.75808	1.18023	2.75466	1.18824	2.75118	119625	2.74770	1.20423	2.74416	1.21224	2.74065	1.22022
4.00000	3.67744	1.57364	3.67288	1.58432	3.66824	159500	3.66360	1.60564	3.65888	1.61632	3.65420	1.62696
5.00000	4.59680	1.96705	4.59110	1.98040	4.58530	199375	4.57950	2.00705	4.57360	2.02040	4.56775	2.03370
6.00000	5.51616	2.36046	5.50932	2.37648	5.50236	239250	5.49540	2.40846	5.48832	2.42448	5.48130	2.44044
7.00000	6.43552	2.75387	6.42754	2.77256	6.41942	279125	6.41130	2.80987	6.40304	2.82856	6.39485	2.84718
8.00000	7.35488	3.14728	7.34576	3.16864	7.33648	319000	7.32720	3.21128	7.31776	3.23264	7.30840	3.25392
9.00000	8.27424	3.54069	8.26398	3.56472	8.25354	358875	8.24310	3.61269	8.23248	3.63672	8.22195	3.66066
10.00000	9.19360	3.93410	9.18220	3.96080	9.17060	398750	9.15900	4.01410	9.14720	4.04080	9.13550	4.06740
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

66°

24°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ D.	60′ L.
1.00000	0.91236	0.40939	0.91116	0.41204	0.90996	0.41469	0.90875	0.41734	0.90753	0.41998	0.90631	0.42262
2.00000	1.82472	0.81878	1.82232	0.82408	1.81992	0.82938	1.81750	0.83468	1.81506	0.83996	1.81262	0.84524
3.00000	2.73708	1.22817	2.73348	1.23612	2.72988	1.24407	2.72625	1.25202	2.72259	1.25994	2.71893	1.26786
4.00000	3.64944	1.63756	3.64464	1.64816	3.63584	1.65876	3.63500	1.66936	3.63012	1.67992	3.62524	1.69048
5.00000	4.56180	2.04695	4.55580	2.06020	4.54980	2.07345	4.54375	2.08670	4.53765	2.09990	4.53155	2.11310
6.00000	5.47416	2.45634	5.46696	2.47224	5.45976	2.48814	5.45250	2.50404	5.44518	2.51988	5.43486	2.53572
7.00000	6.38652	2.86573	6.37812	2.88428	6.36972	2.90283	6.36125	2.92138	6.35271	2.93986	6.34417	2.95834
8.00000	7.29888	3.27512	7.28928	3.29632	7.27968	3.31752	7.27000	3.33872	7.26024	3.35984	7.25048	3.38096
9.00000	8.21124	3.68451	8.20044	3.70836	8.18964	3.73221	8.17875	3.75606	8.16777	3.77982	8.15679	3.80358
10.00000	9.12360	4 09390	9.11160	4.12040	9.09960	4.14690	9.08750	4.17340	9.07530	4.19980	9.06310	4.22620
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

65°

25°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.90507	0.42525	0.90383	0.42788	0.90259	0.43051	0.90133	0.43313	0.90007	0.43575	0.89879	0.43837
2.00000	1.81014	0.85050	1.80766	0.85576	1.80518	0.86102	1.80266	0.86626	1.80014	0.87150	1.79758	0.87674
3.00000	2.71521	1.27575	2.71149	1.28364	2.70777	1.29153	2.70399	1.29939	2.70021	1.30725	2.69637	1.31511
4.00000	3.62028	1.70100	3.61532	1.71152	3.61036	1.72204	3.60532	1.73252	3.60028	1.74300	3.59516	1.75348
5.00000	4.52535	2.12625	4.51915	2.13940	4.51295	2.15255	4.50665	2.16565	4.50035	2.17875	4.49395	2.19185
6.00000	5.43042	2.55150	5.42298	2.56728	5.41554	2.58306	5.40798	2.59878	5.40042	2.61450	5.39274	2.63022
7.00000	6.33549	2.97675	6.32681	2.99516	6.31813	3.01357	6.30931	3.03191	6.30019	3.05025	6.29158	3.06859
8.00000	7.24056	3.40200	7.23064	3.42304	7.22072	3.44408	7.21064	3.46504	7.20056	3.48600	7.19032	3.50696
9.00000	8.14563	3.82725	8.13447	3.85092	8.12331	3.87459	8.11197	3.89817	8.10063	3.92175	8.08911	3.94533
10.00000	9.05070	4.25250	9.03830	4.27880	9.02590	4.30510	9.01330	4.33130	9.00070	4.35750	8.98790	4.38370
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

64°

26°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.89752.	0.44058	0.89623	0.44359	0.89493	0.44620	0.89363	0.44880	0.89232	0.45140	0.89101	0.45399
2.00000	1.79504.	0.88196	1.79246	0.88718	1.78986	0.89240	1.78726	0.89760	1.78464	0.90280	1.78202	0.90798
3.00000	2.69256.	1.32294	2.68869	1.33077	2.68479	1.33860	2.68089	1.34640	2.67696	1.35420	2.67303	1.36197
4.00000	3.59008.	1.76392	3.58492	1.77436	3.57972	1.78480	3.97452	1.79520	3.56928	1.80560	3.56404	1.81596
5.00000	4.48760.	2.20490	4.48115	2.21795	4.47465	2.23100	4.46815	2.24400	4.46160	2.25700	4.45505	2.26995
6.00000	5.38512.	2.64588	5.37738	2.66154	5.36958	2.67720	5.36178	2.69280	5.35392	2.70840	5.34606	2.72394
7.00000	6.28264.	3.08686	6.27361	3.10513	6.26451	3.12340	6.25541	3.14170	6.24624	3.15980	6.23707	3.17793
8.00000	7.18016.	3.52784	7.16984	3.54872	7.16944	3.56960	7.14904	3.59060	7.13856	3.61120	7.12808	3.63192
9.00000	8.07768.	3.96882	8.06607	3.99231	8.05437	4.01580	8.04267	4.03920	8.03088	4.06260	8.01909	4.08591
10.00000	8.97520.	4.40980	8.96230	4.43590	8.94930	4.46200	8.93630	4.48800	8.92320	4.51400	8.91010	4.53990
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L	D.	L.
	50′		40′		30′		20′		10′		0′	

63°

27°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.88968	0.45658	0.88835	0.45917	0.88701	0.46175	0.88566	0.46433	0.88431	0.46690	0.88195	0.46947
2.00000	1.77936	0.91317	1.77670	0.91834	1.77402	1.92350	1.77132	0.92866	1.76862	0.93380	1.76590	0.93894
3.00000	2.66904	1.36974	2.66505	1.37751	2.66103	1.38525	2.65698	1.32299	2.65293	1.40070	2.64885	1.40841
4.00700	3.55872	1.82632	3.55340	1.83668	3.54804	1.84700	3.54264	1.85732	3.53724	1.86760	3.53180	1.87788
5.00000	4.44840	2.28290	4.44175	2.29585	4.43505	2.30875	4.42830	2.32165	4.42155	2.33450	4.41475	2.34735
6.00000	5.33808	2.73948	5.33010	2.75502	5.32206	2.77050	5.31396	2.78598	5.30586	2.80140	5.29770	2.81682
7.00000	6.22776	3.19606	6.21845	3.21419	6.20907	3.23225	6.19962	3.25031	6.19017	3.26830	6.18065	3.28639
8.00000	7.11744	3.65264	7.10680	3.67336	7.09608	3.69409	7.08528	3.71464	7.07448	3.73520	7.05360	3.75579
9.00000	8.00712	4.10922	7.99515	4.13253	7.98309	4.15575	7.97094	4.17897	7.95879	4.20210	7.94655	4.22523
10.00000	8.89680	4.56580	8.88350	4.59170	8.87010	4.61750	8.85660	4.64330	8.84310	4.66900	8.82950	4.69470
	L,	D.	D.	L.	D.	L.	D.	L.	D.	L.	D	L.
	50′		40′		30′		20′		10′		0′	

62°

28°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.88158	0.47204	0.88020	0.47460	0.87882	0.47516	0.87743	0.47971	0.87603	0.48225	0.87462	0.48481
2.00000	1.76316	0.94408	1.76040	0.94920	1.75764	0.95432	1.75486	0.95942	1.75206	0.96452	1.74924	0.96962
3.00000	2.64474	1.41612	2.64060	1.42380	2.63646	1.43148	2.63229	1.43913	2.62809	1.44678	2.62386	1.45443
4.00000	3.52632	1.88816	3.52080	1.89840	3.51528	1.90864	3.50972	1.91884	3.50412	1.92904	3.49848	1.93924
5.00000	4.40790	2.36020	4.40100	2.37300	4.39410	2.38580	4.38715	2.39855	4.38015	2.41130	4.37310	2.42405
6.00000	5.28948	2.83224	5.28120	2.84760	5.27292	2.86296	5.26458	2.87826	5.25618	2.89356	5.24772	2.90886
7.00000	6.17106	3.30428	6.16140	3.32220	6.15174	3.34012	6.14201	3.35797	6.13221	3.37582	6.12234	3.39367
8.00000	7.05264	3.77632	7.04160	3.79680	7.03056	3.81728	7.01944	3.83768	7.00824	3.85808	6.99696	3.87848
9.00000	7.93422	4.24836	7.92180	4.27140	7.90938	4.29444	7.89687	4.31739	7.88427	4.34034	7.87158	4.36329
10.00000	8.81580	4.72040	8.80200	4.74600	8.78820	4.75160	8.77430	4.79710	8.76030	4.82260	8.74620	4.84810
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

61°

29°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.87321	0.48735	0.87178	0.48989	0.87036	0.49242	0.86892	0.49495	0.86748	0.49748	0.86603	0.50000
2.00000	1.74642	0.97470	1.74356	0.97978	1.74072	0.98484	1.73784	0.98990	1.73496	0.99496	1.73206	1.00000
3.00000	2.61963	1.46205	2.61534	1.46967	2.61108	1.47726	2.60676	1.48485	2.60244	1.49244	2.59809	1.50000
4.00000	3.49284	1.94940	3.48712	1.95956	3.48144	1.96968	3.47568	1.97980	3.46962	1.98992	3.46412	2.00000
5.00000	4.36605	2.43675	4.35890	2.44945	4.35180	2.46210	4.34460	2.47475	4.33740	2.48740	4.33015	2.50000
6.00000	5.23926	2.92410	5.23068	2.93934	5.22216	2.95452	5.21352	2.96970	5.20488	2.98488	5.19618	3.00000
7.00000	6.11247	3.41145	6.10246	3.42923	6.09252	3.44694	6.08244	3.46465	6.07236	3.48236	6.06221	3.50000
8.00000	6.98568	3.89880	6.97424	3.91912	6.96288	3.93936	6.95136	3.95960	6.93984	3.97984	6.92824	4.00000
9.00000	7.85889	4.38615	7.84602	4.40901	7.83324	4.43178	7.82028	4.45455	7.80732	4.47732	7.79427	4.50000
10.00000	8.73210	4.87350	8.71780	4.89890	8.70360	4.92420	8.68920	4.94950	8.67480	4.97480	8.66030	5.00000
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

60°

N N

30°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.86457	0.50252	0.86310	0.50503	0.86163	0.50754	0.86015	0.51004	0.85866	0.51254	0.85717	0.51504
2.00000	1.72914	1.00504	1.72620	1.01006	1.72326	1.01508	1.72030	1.02008	1.71732	1.02508	1.71434	1.03008
3.00000	2.59371	1.50756	2.58930	1.51509	2.58489	1.52262	2.58045	1.53012	2.57598	1.53762	2.57151	1.54512
4.00000	3.45828	2.01008	3.45240	2.02012	3.44652	2.03016	3.44060	2.04016	3.43464	2.05016	3.42868	2.06016
5.00000	4.32285	2.51260	4.31550	2.52515	4.30815	2.53770	4.30075	2.55020	4.29330	2.56270	4.28585	2.57520
6.00000	5.18742	3.01512	5.17860	3.03018	5.16978	3.04524	5.16090	3.06024	5.15196	3.07524	5.14302	3.09024
7.00000	6.05199	3.51764	6.04170	3.53621	6.03141	3.55278	6.02105	3.57028	6.01062	3.58778	6.00019	3.60528
8.00000	6.91656	4.02016	6.90480	4.04024	6.89304	4.06032	6.88120	4.08032	6.86928	4.10032	6.85736	4.12032
9.00000	7.78113	4.52268	7.76790	4.54527	7.75467	4.56786	7.74135	4.59036	7.72794	4.61286	7.71453	4.63536
10.00000	8.64570	5.02520	8.63100	5.05030	8.61630	5.07540	8.60150	5.10040	8.58660	5.12540	8.57170	5.15040
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0	

59°

31°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.85567	0.51753	0.85416	0.52002	0.85264	0.52250	0.85112	0.52498	0.84959	0.52745	0.84805	0.52992
2.00000	1.71134	1.03506	1.70832	1.04004	1.70528	1.04500	1.70224	1.04996	1.69918	1.05490	1.69610	1.05984
3.00000	2.56701	1.55259	2.56248	1.56006	2.55792	1.56750	2.55336	1.57494	2.54877	1.58235	2.54415	1.58976
4.00000	3.42268	2.07012	3.41664	2.08008	3.41056	2.09000	3.40448	2.09992	3.39836	2.10980	3.39220	2.11968
5.00000	4.27835	2.58765	4.27080	2.60010	4.26320	2.61250	4.25560	2.62490	4.24795	2.63725	4.24025	2.64960
6.00000	5.13402	3.10518	5.12496	3.12012	5.11584	3.13500	5.10672	3.14988	5.09754	3.16470	5.08830	3.17952
7.00000	5.98969	3.62271	5.97912	3.64014	5.96848	3.65750	5.95784	3.67486	5.94713	3.69215	5.93635	3.70944
8.00000	6.84536	4.14024	6.83328	4.16016	6.82112	4.18000	6.80896	4.19984	6.79672	4.21960	6.78440	4.23936
9.00000	7.70103	4.65777	7.68744	4.68018	7.67376	4.70250	7.66008	4.72482	7.64631	4.74705	7.63245	4.76928
10.00000	8.55670	5.17530	8.54160	5.20020	8.52640	5.22500	8.51120	5.24980	8.49590	5.27450	8.48050	5.29920
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

58°

32°

Distance,	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.84650	0.53238	0.84495	0.53484	0.84339	0.53730	0.84182	0.53975	0.84025	0.54220	0.83867	0.54464
2.00000	1.69300	1.06476	1.68990	1.06968	1.68678	1.07460	1.68364	1.07950	1.68050	1.08440	1.67734	1.08928
3.00000	2.53950	1.59714	2.53485	1.60452	2.53017	1.61190	2.52546	1.61925	2.52075	1.62660	2.51601	1.63392
4.00000	3.38600	2.12952	3.37980	2.13936	3.37356	2.14920	3.36728	2.15900	3.36100	2.16880	3.35468	2.17856
5.00000	4.23250	2.66190	4.22475	2.67420	4.21695	2.68650	4.20910	2.69875	4.20125	2.71100	4.19335	2.72320
6.00000	5.07900	3.19428	5.06970	3.20904	5.06034	3.22380	5.05092	3.23850	5.04150	3.25320	5.03202	3.26784
7.00000	5.92550	3.72666	5.91465	3.74388	5.90373	3.76110	5.89274	3.77825	5.88175	3.79540	5.87069	3.81248
8.00000	6.77200	4.25904	6.75960	4.27872	6.74712	4.29840	6.73456	4.31800	6.72200	4.33760	6.70936	4.35712
9.00000	7.61850	4.79142	7.60455	4.813 6	7.59051	4.83570	7.57638	4.85775	7.56225	4.87980	7.54803	4.90176
10.00000	8.46500	5.32380	8.44950	5.34840	8.43390	5.37300	8.41820	5.39750	8.40250	5.42200	8.38670	5.44640
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

57°

33°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.83708	0.54708	0.83549	0.54951	0.83389	0.55194	0.83228	0.55436	0.83066	0.55678	0.82904	0.55919
2.00000	1.67416	1.09416	1.67098	1.09902	1.66778	1.10388	1.66456	1.10872	1.66132	1.11356	1.65808	1.11838
3.00000	2.51124	1.64124	2.50647	1.64853	2.50167	1.65582	2.49684	1.66308	2.49198	1.67034	2.48712	1.67757
4.00000	3.34832	2.18832	3.34196	2.19804	3.33556	2.20776	3.32912	2.21744	3.32264	2.22712	3.31616	2.23676
5.00000	4.18540	2.73540	4.17745	2.74755	4.16945	2.75970	4.16140	2.77180	4.15330	2.78390	4.14520	2.79595
6.00000	5.02248	3.28248	5.01294	3.29706	5.00334	3.31164	4.99368	3.32616	4.98396	3.34068	4.97424	3.35514
7.00000	5.85956	3.82956	5.84843	3.84657	5.83723	3.86358	5.82596	3.88052	5.81462	3.89746	5.80388	3.91433
8.00000	6.69664	4.37664	6.68392	4.39608	6.67112	4.41552	6.65824	4.43488	6.64528	4.45424	6.63232	4.47352
9.00000	7.53372	4.92372	7.51941	4.94559	7.50501	4.96746	7.49052	4.98924	7.47594	5.01102	7.46136	5.03271
10.00000	8.37080	5.47080	8.35490	5.49510	8.33890	5.51940	8.32280	5.54360	8.30660	5.56780	8.29040	5.59190
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

56°

34°

Distance.	L. 10'	D. 10'	L. 20'	D. 20'	L. 30'	D. 30'	L. 40'	D. 40'	L. 50'	D. 50'	L. 60'	D. 60'
1.00000	0.82741	0.56160	0.82577	0.56401	0.82413	0.56641	0.82248	0.56880	0.82082	0.57119	0.81915	0.57358
2.00000	1.65482	1.12320	1.65154	1.12802	1.64826	1.13282	1.64496	1.13760	1.64164	1.14238	1.63830	1.14716
3.00000	2.48223	1.68480	2.47731	1.69203	2.47239	1.69923	2.46744	1.70640	2.46246	1.71357	2.45745	1.72074
4.00000	3.30964	2.24640	3.30308	2.25604	3.29652	2.26564	3.28992	2.27520	3.28328	2.28476	3.27660	2.29432
5.00000	4.13705	2.80800	4.12885	2.82005	4.12065	2.83205	4.11240	2.84400	4.10410	2.85595	4.09575	2.86790
6.00000	4.96446	3.36960	4.95462	3.38406	4.94478	3.39846	4.93488	3.41280	4.92492	3.42714	4.91490	3.44148
7.00000	5.79187	3.93120	5.78039	3.94807	5.76891	3.96487	5.75736	3.98160	5.74574	3.99833	5.73405	4.01506
8.00000	6.61928	4.49280	6.60516	4.51208	6.59304	4.53128	6.57984	4.55040	6.56656	4.56952	6.55320	4.58864
9.00000	7.44669	5.05440	7.43193	5.07609	7.41717	5.09769	7.40232	5.11920	7.38738	5.14071	7.37235	5.16222
10.00000	8.27410	5.61600	8.25770	5.64010	8.24130	5.66410	8.22480	5.68800	8.20820	5.71190	8.19150	5.73580
	D. 50'	L. 50'	D. 40'	L. 40'	D. 30'	L. 30'	D. 20'	L. 20'	D. 10'	L. 10'	D. 0'	L. 0'

55°

35°

Distance.	L. 10'	D. 10'	L. 20'	D. 20'	L. 30'	D. 30'	L. 40'	D. 40'	L. 50'	D. 50'	L. 60'	D. 60'
1.00000	0.81748	0.57596	0.81580	0.57833	0.81412	0.58070	0.81242	0.58307	0.81072	0.58543	0.80902	0.58779
2.00000	1.63496	1.15192	1.63160	1.15666	1.62824	1.16140	1.62484	1.16614	1.62144	1.17086	1.61804	1.17558
3.00000	2.45244	1.72788	2.44740	1.73499	2.44236	1.74210	2.43726	1.74921	2.43216	1.75629	2.42706	1.76337
4.00000	3.26992	2.30384	3.26320	2.31332	3.25648	2.32280	3.24968	2.33228	3.24288	2.34172	3.23608	2.35116
5.00000	4.08740	2.87980	4.07900	2.89165	4.07060	2.90350	4.06210	2.91535	4.05360	2.92715	4.04510	2.93895
6.00000	4.90488	3.45576	4.89480	3.46998	4.88472	3.48420	4.87452	3.49842	4.86432	3.51258	4.85412	3.52674
7.00000	5.72236	4.03172	5.71060	4.04831	5.69884	4.06490	5.68694	4.08149	5.67504	4.09801	5.66314	4.11453
8.00000	6.53984	4.60768	6.52640	4.62664	6.51296	4.64560	6.49936	4.66456	6.48576	4.68344	6.47216	4.70232
9.00000	7.35732	5.18364	7.34220	5.20497	7.32708	5.22630	7.31178	5.24763	7.29648	5.26887	7.28118	5.29011
10.00000	8.17480	5.75960	8.15860	5.78330	8.14120	5.80700	8.12420	5.83070	8.10720	5.85430	8.09020	5.87790
	D. 50'	L. 50'	D. 40'	L. 40'	D. 30'	L. 30'	D. 20'	L. 20'	D. 10'	L. 10'	D. 0'	L. 0'

54°

36°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.80730	0.59014	0.80558	0.59248	0.80386	0.59482	0.80212	0.59716	0.80038	0.59949	0.79864	0.60181
2.00000	1.61460	1.18028	1.61116	1.18496	1.60772	1.18964	1.60424	1.19432	1.60076	1.19898	1.59728	1.20362
3.00000	2.42190	1.77042	2.41674	1.77744	2.41158	1.78446	2.40636	1.79148	2.40114	1.79847	2.39592	1.80543
4.00000	3.22920	2.36056	3.22232	2.36992	3.21544	2.37928	3.20848	2.38864	3.20152	2.39796	3.19456	2.40724
5.00000	4.03650	2.95070	4.02790	2.96240	4.01930	2.97410	4.01060	2.98580	4.00190	2.99745	3.99320	3.00905
6.00000	4.84380	3.54084	4.83348	3.55488	4.82316	3.56892	4.81272	3.58296	4.80238	3.59694	4.79184	3.61086
7.00000	5.65110	4.13098	5.63906	4.14736	5.62702	4.16374	5.61484	4.18012	5.60266	4.19643	5.59048	4.21267
8.00000	6.45840	4.72112	6.44464	4.73984	6.43088	4.75856	6.41696	4.77728	6.40304	4.79592	6.38912	4.81448
9.00000	7.26570	5.31126	7.25022	5.33232	7.23474	5.35338	7.21908	5.37444	7.20342	5.39541	7.18776	5.41629
10.00000	8.07300	5.90140	8.05539	5.92480	8.03860	5.94820	8.02120	5.97160	8.00380	5.99490	7.98640	6.01810
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

53°

37°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.79688	0.60414	0.79512	0.60645	0.79335	0.60876	0.79158	0.61107	0.78980	0.61337	0.78801	0.61566
2.00000	1.59376	1.20828	1.59024	1.21290	1.58670	1.21752	1.58316	1.22214	1.57960	1.22674	1.57602	1.23132
3.00000	2.39064	1.81242	2.38536	1.81935	2.38005	1.82628	2.37474	1.83321	2.36940	1.84011	2.36403	1.84698
4.00000	3.18752	2.41656	3.18048	2.42580	3.17340	2.43504	3.16632	2.44428	3.15920	2.45348	3.15204	2.46264
5.00000	3.98440	3.02070	3.97560	3.03225	3.96675	3.04380	3.95790	3.05535	3.94900	3.06685	3.94005	3.07830
6.00000	4.78128	3.62484	4.77072	3.63870	4.76010	3.65256	4.74948	3.66642	4.73880	3.68022	4.72806	3.69396
7.00000	5.57816	4.22898	5.56584	4.24515	5.55345	4.26132	5.54106	4.27749	5.52860	4.29359	5.51607	4.30962
8.00000	6.37504	4.83312	6.36096	4.85160	6.34680	4.87008	6.33264	4.88856	6.31840	4.90696	6.30408	4.92528
9.00000	7.17192	5.43726	7.15508	5.45805	7.14015	5.47884	7.12422	5.49963	7.10820	5.52033	7.09209	5.54094
10.00000	7.96880	6.04140	7.95120	6.06450	7.93350	6.08760	7.91580	6.11070	7.89800	6.13370	7.88010	6.15660
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

52°

38°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.78622	0.61795	0.78442	0.62024	0.78261	0.62251	0.78079	0.62479	0.77897	0.62706	0.77715	0.62932
2.00000	1.57244	1.23590	1.56884	1.24048	1.56522	1.24502	1.56158	1.24958	1.55794	1.25412	1.55430	1.25864
3.00000	2.35866	1.85385	2.35326	1.86072	2.34783	1.86758	2.34237	1.87437	2.33691	1.88118	2.33145	1.88796
4.00000	3.14488	2.47180	3.13768	2.48096	3.13044	2.49004	3.12316	2.49916	3.11588	2.50824	3.10860	2.51728
5.00000	3.93110	3.08975	3.92210	3.10120	3.91305	3.11255	3.90395	3.12395	3.89485	3.12530	3.88575	3.14660
6.00000	4.71732	3.70770	4.70652	3.72144	4.69566	3.73506	4.68474	3.74874	4.67382	3.76236	4.66290	3.77592
7.00000	5.50354	4.32565	5.49094	4.34168	5.47827	4.35757	5.46553	4.37353	5.45279	4.38942	5.44005	4.40524
8.00000	6.28976	4.94360	6.27536	4.96192	6.26088	4.98068	6.24632	4.99832	6.23176	5.01648	6.21720	5.03456
9.00000	7.07598	5.56155	7.05978	5.58216	7.04349	5.60259	7.02711	5.62311	7.01073	5.64354	6.99435	5.66388
10.00000	7.86220	6.17950	7.84420	6.20240	7.82610	6.22510	7.80790	6.24790	7.78970	6.27060	7.77150	6.29320
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

51°

39°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50 L.	50 D.	60′ L.	60′ D.
1.00000	0.77531	0.63158	0.77347	0.63383	0.77162	0.63608	0.76977	0.63832	0.76791	0.64056	0.76604	0.64279
2.00000	1.55062	1.26316	1.54694	1.26766	1.54324	1.27216	1.53954	1.27664	1.53582	1.28112	1.53208	1.28558
3.00000	2.32593	1.89474	2.32041	1.90149	2.31489	1.90824	2.30931	1.91496	2.30373	1.92168	2.29812	1.92837
4.00000	3.10124	2.52632	3.09388	2.53532	3.08648	2.54432	3.07908	2.55328	3.07164	2.56224	3.06416	2.57116
5.00000	3.87655	3.15790	3.86735	3.16915	3.85810	3.18040	3.84885	3.19160	3.83955	3.20280	3.83020	3.21395
6.00000	4.65186	3.78948	4.64082	3.80298	4.62882	3.81648	4.61862	3.82992	4.60976	3.84336	4.59624	3.85674
7.00000	5.42717	4.42106	5.41429	4.43681	5.40134	4.45256	5.38839	4.46824	4.37537	4.48392	5.36228	4.49953
8.00000	6.20248	5.05264	6.18776	5.07064	6.17496	5.08864	6.15816	5.10656	6.14328	5.12448	6.12832	5.14232
9.00000	6.97779	5.68422	6.96123	5.70447	6.94458	5.72472	6.92793	5.74488	6.91119	5.76504	6.89436	5.78511
10.00000	7.75310	6.31580	7.73470	6.33830	7.71620	6.36080	7.69770	6.38320	7.67910	6.40560	7.66040	6.42790
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

50°

40°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.76417	0.64501	0.76229	0.64723	0.76041	0.64945	0.75851	0.65166	0.75661	0.65386	0.75471	0.65606
2.00000	1.52834	1.29002	1.52458	1.29446	1.52082	1.29890	1.51702	1.30332	1.51322	1.30772	1.50942	1.31212
3.00000	2.29251	1.93503	2.28687	1.94169	2.28123	1.94835	2.27553	1.95498	2.26983	1.96158	2.26413	1.96818
4.00000	3.05668	2.58004	3.04916	2.58892	3.04164	2.59780	3.03404	2.60664	3.02644	2.61544	3.01884	2.62424
5.00000	3.82085	3.22505	3.81145	3.23615	3.80205	3.24725	3.79255	3.25830	3.78305	3.26930	3.77355	3.28030
6.00000	4.58502	3.87006	4.57374	3.88338	4.56246	3.89670	4.55106	3.90996	4.53966	3.92316	4.52826	3.93936
7.00000	5.34919	4.51507	5.33603	4.53061	5.32287	4.54615	5.30957	4.56162	5.29627	4.57702	5.28297	4.59242
8.00000	6.11336	5.16008	6.09832	5.17784	6.08328	5.19560	6.06808	5.21328	6.05288	5.23088	6.03768	5.24858
9.00000	6.87753	5.80509	6.86061	5.82507	6.84369	5.84505	6.82659	5.86494	6.80949	5.88474	6.79239	5.90464
10.00000	7.64170	6.45010	7.62290	6.47230	7.60410	6.49450	7.58510	6.51660	7.56610	6.53860	7.54710	6.56060
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L	D.	L.
	50′		40′		30′		20′		10′			

49°

41°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.75280	0.65825	0.75088	0.66044	0.74896	0.66262	0.74703	0.66480	0.74509	0.66697	0.74314	0.66913
2.00000	1.50560	1.31650	1.50176	1.32088	1.49792	1.32524	1.49406	1.32960	1.49018	1.33394	1.48628	1.33826
3.00000	2.25840	1.97475	2.25264	1.98132	2.24688	1.98786	2.24109	1.99440	2.23527	2.00091	2.22942	2.00739
4.00000	3.01120	2.63300	3.00352	2.64176	2.99584	2.65048	2.98812	2.65920	2.98036	2.66788	2.97256	2.67652
5.00000	3.76400	3.29125	3.75440	3.30220	3.74480	3.31310	3.73515	3.32400	3.72545	3.33485	3.71570	3.34165
6.00000	4.51680	3.94950	4.50528	3.96264	4.49376	3.97572	4.48218	3.98880	4.47054	4.00182	4.45884	4.01478
7.00000	5.26960	4.60775	5.25616	4.62308	5.24272	4.63834	5.22921	4.65360	5.21563	4.66879	5.20198	4.68391
8.00000	6.02240	5.26600	6.00704	5.28352	5.99168	5.30096	5.97624	5.31840	5.96072	5.33576	5.94512	5.35304
9.00000	6.77520	5.92425	6.75792	5.94396	6.74064	5.96358	6.72327	5.98320	6.70581	6.00273	6.68826	6.02217
10.00000	7.52800	6.58250	7.50880	6.60440	7.48960	6.62620	7.47030	6.64800	7.45090	6.66970	7.43140	6.69130
	L,	D.	D.	L.	D.	L.	D.	L.	D.	L.	D	L.
	50′		40′		30′		20′		10′		0′	

48°

42°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ D.	60′ L.
1.00000	0.74120	0.67129	0.73924	0.67344	0.73728	0.67559	0.73531	0.67773	0.73333	0.67987	0.73135	0.68200
2.00000	1.48240	1.34258	0.47848	1.34688	1.47456	1.35118	1.47062	1.35546	1.46666	1.35974	1.46270	1.36400
3.00000	2.22360	2.01387	2.21772	2.02032	2.21184	2.02677	2.20593	2.03319	2.19999	2.03961	2.19405	2.04600
4.00000	2.96480	2.68516	2.95696	2.69376	2.94912	2.70236	2.94124	2.71092	2.93332	2.71948	2.92540	2.72800
5.00000	3.70600	3.35645	3.69620	3.36720	3.68640	3.37795	3.67655	3.38865	3.66665	3.39935	3.65675	3.41000
6.00000	4.44720	4.02774	4.43544	4.04064	4.42368	4.05354	4.41186	4.06638	4.39998	4.07922	4.38810	4.09200
7.00000	5.18840	4.69903	5.17468	4.71408	5.16096	4.72913	5.14717	4.74411	5.13331	4.75909	5.11945	4.77400
8.00000	5.92960	5.37032	5.01392	5.38752	5.83824	5.40472	5.88248	5.42184	5.86664	5.43896	5.85080	5.45600
9.00000	6.67080	6.04161	6.65316	6.06096	6.63552	6.08031	6.61779	6.09957	6.59997	6.11883	6.58215	6.13800
10.00000	7.41200	6.71290	7.39240	6.78440	7.37280	6.75590	7.35310	6.77730	7.33330	6.79870	7.31350	6.82000
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

47°

43°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60′ L.	60′ D.
1.00000	0.72987	0.68412	0.72737	0.68624	0.72537	0.68835	0.72337	0.69046	0.72136	0.69256	0.71934	0.69466
2.00000	1.45874	1.36824	1.45474	1.37248	1.45074	1.37670	1.44664	1.38492	1.44272	1.38512	1.43868	1.38932
3.00000	2.18811	2.05236	2.18211	2.05872	2.17611	2.06105	2.17011	2.07138	2.16408	2.07768	2.15802	2.08368
4.00000	2.91748	2.73648	2.90948	2.74496	2.90148	2.75340	2.89348	2.76184	2.88544	2.77024	2.87736	2.77864
5.00000	3.64685	4.42060	3.63685	3.43120	3.62685	3.44175	3.61685	3.45230	3.60682	3.46280	3.59670	3.47330
6.00000	4.37622	4.10472	4.3 422	4.11744	4 35222	4.13010	4.34022	4.14276	4.32816	4.15536	4.31604	4.16796
7.00000	5.10559	4.78884	5.09159	4.80368	5.07759	4.81845	5.06359	4.83322	5.04952	4.84792	5.03538	4.86262
8.00000	5.83496	5.47296	5.81896	5.48992	5.80296	5.50680	5.78696	5.52368	5.77088	5.54048	5.75472	1.55728
9.00000	6.56433	6.15708	6.54633	6.17616	6.52833	6.19515	6.51033	6.21414	6.49224	6.23304	6.47406	6.25194
10.00000	7.29370	6.84120	7.27370	6.86240	7.25370	6.88350	7.23370	6.90460	7.21360	6.92560	7.19340	6.94660
	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.	D.	L.
	50′		40′		30′		20′		10′		0′	

46°

44°

Distance.	10′ L.	10′ D.	20′ L.	20′ D.	30′ L.	30′ D.	40′ L.	40′ D.	50′ L.	50′ D.	60 L.	60 D.
1.00000	0.71732	0.69675	0.71529	0.69883	0.71325	0.70091	0.71121	0.70298	0.70916	0.70505	0.70711	0.70711
2.00000	1.43464	1.39350	1.43058	1.39766	1.42650	1.40182	1.42242	1.40596	1.41832	1.41010	1.41422	1.41422
3.00000	2.15196	2.09025	2.14587	2.09649	2.13975	2.10273	2.13363	2.10894	2.12748	2.11515	2.12133	2.12133
4.00000	2.86928	2.78700	2.86116	2.79532	2.85300	2.80364	2.84484	2.81192	2.83664	2.82020	2.82844	2.82844
5.00000	3.58660	3.48375	3.57645	3.49415	3.56625	3.50455	3.55605	3.51490	3.54580	3.52525	3.53555	3.53555
6.00000	4.30392	4.18050	4.29174	4.19298	4.27950	4.20546	4.26726	4.21788	4.25496	4.23030	4.24266	4.24266
7.00000	5.02124	4.87725	5.00703	4.89181	4.99275	4.90637	4.97847	4.92086	4.96412	4.93535	4.94977	4.94977
8.00000	5.73856	5.57400	5.72232	5.59064	5.70600	5.60728	5.68968	5.62384	5.67328	5.64040	5.65688	5.65688
9.00000	6.45588	6.27075	6.43761	6.28947	6.41925	6.30819	6.40089	6.32682	6.38244	6.34545	6.36399	6.36399
10.00000	7.17320	6.96750	7.15290	6.98830	7.13250	7.00910	7.11210	7.02980	7.09160	7.05050	7.07110	7.07110
	50′ D.	50′ L.	40′ D.	40′ L.	30′ D.	30′ L.	20′ D.	20′ L.	10′ D.	10′ L.	0′ D.	0′ L.

45°

TABLE IV.

BEING AN

IMPROVED TABLE

OF

Meridional Parts,

FOR MORE ACCURATELY

SOLVING THE *CASES*

OF

Mercator's Sailing.

D M	0° M. P.	1° M. P.	2° M. P.	3° M. P.	4° M. P.	5° M. P.	6° M. P.	7° M. P.	8° M. P.	9° M. P.
0	0.00	60.01	120.03	180.09	240.20	300.38	360.65	421.06	481.56	542.28
1	1.00	61.01	121.03	181.09	241.20	301.38	361.66	422.06	482.57	543.26
2	2.00	62.01	122.04	182.09	242.20	302.39	362.67	423.07	483.58	544.27
3	3.00	63.02	123.04	183.09	243.20	303.39	363.68	424.08	484.59	545.28
4	4.00	64.02	124.04	184.09	244.21	304.40	364.68	425.09	485.60	546.30
5	5.00	65.02	125.04	185.09	245.21	305.40	365.69	426.09	486.61	547.31
6	6.00	66.02	126.04	186.09	246.21	306.40	366.70	427.10	487.62	548.32
7	7.00	67.02	127.04	187.10	247.21	307.41	367.70	428.11	488.63	549.33
8	8.00	68.02	128.04	188.10	248.22	308.41	368.71	429.12	489.64	550.34
9	9.00	69.02	129.04	189.10	249.22	309.42	369.71	430.12	490.65	551.35
10	10.00	70.02	130.04	190.10	250.22	310.42	370.72	431.13	491.66	552.37
11	11.00	71.02	131.04	191.10	251.22	311.43	371.73	432.14	492.68	553.38
12	12.00	72.02	132.04	192.10	252.23	312.43	372.73	433.15	493.69	554.39
13	13.00	73.02	133.04	193.10	253.23	313.43	373.74	434.16	494.70	555.40
14	14.00	74.02	134.04	194.11	254.23	314.44	374.74	435.16	495.71	556.41
15	15.00	75.02	135.04	195.11	255.23	315.44	375.75	436.17	496.72	557.42
16	16.00	76.02	136.04	196.11	256.24	316.45	376.76	437.18	497.73	558.43
17	17.00	77.02	137.04	197.11	257.24	317.45	377.76	438.19	498.75	559.44
18	18.00	78.02	138.04	198.11	258.24	318.46	378.77	439.20	499.76	560.45
19	19.00	79.02	139.04	199.11	259.24	319.46	379.78	440.21	500.77	561.47
20	20.00	80.02	140.04	200.12	260.25	320.47	380.78	441.21	501.78	562.48
21	21.00	81.02	141.04	201.12	261.25	321.47	381.79	442.22	502.79	563.50
22	22.00	82.02	142.04	202.12	262.25	322.47	382.80	443.23	503.80	564.51
23	23.00	83.02	143.04	203.12	263.26	323.48	383.80	444.24	504.81	565.53
24	24.01	84.02	144.04	204.12	264.26	324.48	384.81	445.25	505.82	566.55
25	25.01	85.02	145.04	205.12	265.26	325.49	385.82	446.26	506.83	567.56
26	26.01	86.02	146.04	206.13	266.27	326.49	386.82	447.27	507.84	568.58
27	27.01	87.02	147.04	207.13	267.27	327.50	387.83	448.27	508.85	569.60
28	28.01	88.02	148.05	208.13	268.27	328.50	388.83	449.28	509.87	570.61
29	29.01	89.02	149.05	209.13	269.27	329.51	389.84	450.29	510.88	571.63
30	30.01	90.02	150.05	210.13	270.28	330.51	390.84	451.30	511.89	572.64
31	31.01	91.02	151.05	211.13	271.28	331.51	391.85	452.31	512.90	573.65
32	32.01	92.02	152.05	212.14	272.28	332.52	392.86	453.32	513.91	574.67
33	33.01	93.02	153.05	213.14	273.29	333.52	393.87	454.33	514.92	575.69
34	34.01	94.02	154.05	214.14	274.29	334.54	394.87	455.34	515.94	576.70
35	35.01	95.03	155.05	215.14	275.29	335.53	395.88	456.35	516.95	577.72
36	36.01	96.03	156.05	216.14	276.30	336.54	396.88	457.36	517.96	578.74
37	37.01	97.03	157.06	217.14	277.30	337.54	397.89	458.36	518.97	579.75
38	38.01	98.03	158.06	218.15	278.30	338.55	398.90	459.37	519.98	580.77
39	39.01	99.03	159.06	219.15	279.31	339.55	399.90	460.38	520.99	581.78
40	40.01	100.03	160.06	220.15	280.31	340.56	400.91	461.39	522.01	582.79
41	41.01	101.03	161.06	221.15	281.31	341.56	401.92	462.39	523.02	583.80
42	42.01	102.03	162.06	222.15	282.32	342.57	402.93	463.40	524.03	584.82
43	43.01	103.03	163.06	223.16	283.32	343.57	403.93	464.41	525.04	585.83
44	44.01	104.03	164.06	224.16	284.32	344.58	404.94	465.42	526.05	586.84
45	45.01	105.03	165.07	225.16	285.33	346.58	405.95	466.43	527.06	587.85
46	46.01	106.03	166.07	226.16	286.33	346.59	406.95	467.44	528.07	588.87
47	47.01	107.03	167.07	227.16	287.33	347.59	407.96	468.45	529.08	589.88
48	48.01	108.03	168.07	228.17	288.34	348.60	408.97	469.45	530.09	590.90
49	49.01	109.03	169.07	229.17	289.34	349.60	409.97	470.46	531.10	591.91
50	50.01	110.03	170.07	230.17	290.34	350.61	410.98	471.47	532.12	592.93
51	51.01	111.03	171.07	231.17	291.35	351.61	411.99	472.48	533.13	593.94
52	52.01	112.03	172.08	232.18	292.35	352.61	412.99	473.49	534.14	594.95
53	53.01	113.03	173.08	233.18	293.36	353.62	414.00	474.50	535.15	595.97
54	54.01	114.03	174.08	234.18	294.36	354.62	415.01	475.50	536.16	596.98
55	55.01	115.03	175.08	235.18	295.36	355.63	416.02	476.51	537.18	597.99
56	56.01	116.03	176.08	236.19	296.37	356.63	417.02	477.52	538.19	599.01
57	57.01	117.03	177.08	237.19	297.37	357.64	418.03	478.53	539.20	600.02
58	58.01	118.03	178.08	238.19	298.37	358.64	419.04	479.54	540.21	601.04
59	59.01	119.03	179.08	239.19	299.38	359.65	420.05	480.55	541.23	602.05
M D	M. P. 0°	M. P. 1	M. P. 2°	M. P. 3°	M. P. 4°	M. P. 5°	M. P. 6°	M. P. 7°	M. P. 8°	M. P. 9°

D M	10° M. P.	11° M. P.	12° M. P.	13° M. P.	14° M. P.	15° M. P.	16° M. P.	17° M. P.	18° M. P.	19° M. P.
0	603.06	664.05	725.33	786.78	848.53	910.47	972.79	1035.25	1098.22	1161.49
1	604.08	665.07	726.35	787.80	849.56	911.51	973.83	1036.29	1099.27	1162.56
2	605.10	666.09	727.38	788.83	850.59	912.55	974.87	1037.34	1100.32	1163.62
3	606.12	667.12	728.40	789.85	851.62	913.59	975.91	1038.38	1101.37	1164.68
4	607.14	668.14	729.43	790.88	852.65	914.63	976.95	1039.43	1102.42	1165.75
5	608.16	669.16	730.45	791.90	853.68	915.67	977.99	1040.48	1103.47	1166.81
6	609.18	670.18	731.48	792.93	854.71	916.71	979.03	1041.53	1104.52	1167.87
7	610.20	671.20	732.50	793.96	855.74	917.75	980.07	1042.58	1105.57	1168.93
8	611.21	672.22	733.53	794.98	856.77	918.79	981.11	1043.63	1106.62	1169.99
9	612.23	673.24	734.55	796.01	857.80	919.83	982.15	1044.68	1107.67	1171.05
10	613.24	674.26	735.57	797.04	858.83	920.87	983.19	1045.73	1108.72	1172.11
11	614.26	675.28	736.59	798.06	859.86	921.91	984.23	1046.78	1109.77	1173.17
12	615.27	676.30	737.62	799.09	860.89	922.95	985.27	1047.83	1110.82	1174.24
13	616.29	677.32	738.64	800.12	861.92	923.99	986.31	1048.88	1111.87	1175.30
14	617.30	678.34	739.67	801.15	862.95	925.03	987.36	1049.93	1112.92	1176.36
15	618.32	679.36	740.69	802.17	863.98	926.07	988.40	1050.98	1113.97	1177.42
16	619.33	680.38	741.71	803.20	865.01	927.11	989.44	1052.03	1115.02	1178.48
17	620.35	681.40	742.74	804.22	866.04	928.15	990.48	1053.08	1116.07	1179.54
18	621.36	682.42	743.76	805.25	867.08	929.19	991.53	1054.13	1117.12	1180.60
19	622.38	683.44	744.78	806.28	868.11	930.23	992.57	1055.18	1118.17	1181.66
20	623.39	684.46	745.81	807.31	869.14	931.27	993.61	1056.23	1119.22	1182.72
21	624.41	685.48	746.83	808.34	870.17	932.31	994.65	1057.28	1120.27	1183.78
22	625.43	686.50	747.85	809.37	871.20	933.35	995.69	1058.33	1121.33	1184.84
23	626.44	687.52	748.88	810.40	872.24	934.39	996.73	1059.38	1122.38	1185.90
24	627.46	688.54	749.90	811.43	873.27	935.43	997.77	1060.43	1123.43	1186.96
25	628.47	689.56	750.93	812.45	874.30	936.46	998.81	1061.48	1124.48	1188.02
26	629.49	690.58	751.95	813.48	875.33	937.50	999.86	1062.53	1125.53	1189.08
27	630.50	691.60	752.98	814.51	876.36	938.54	1000.90	1063.58	1126.58	1190.14
28	631.52	692.62	754.00	815.53	877.39	939.58	1001.94	1064.63	1127.63	1191.20
29	632.53	693.64	755.03	816.56	878.42	940.62	1002.98	1065.68	1128.69	1192.26
30	633.55	694.66	756.05	817.59	879.45	941.66	1004.02	1066.73	1129.74	1193.32
31	634.56	695.68	757.08	818.61	880.48	942.69	1005.07	1067.78	1130.79	1194.38
32	635.58	696.70	758.10	819.64	881.52	943.73	1006.11	1068.83	1131.84	1195.44
33	636.59	697.72	759.13	820.67	882.55	944.77	1007.15	1069.88	1132.89	1196.50
34	637.61	698.74	760.15	821.69	883.58	945.81	1008.19	1070.93	1133.95	1197.56
35	638.62	699.76	761.17	822.72	884.62	946.85	1009.23	1071.98	1135.00	1198.62
36	639.64	700.78	762.19	823.75	885.65	947.88	1010.27	1073.03	1136.05	1199.68
37	640.65	701.80	763.22	824.78	886.68	948.92	1011.31	1074.08	1137.10	1200.74
38	641.67	702.82	764.24	825.80	887.72	949.96	1012.35	1075.13	1138.16	1201.80
39	642.68	703.84	765.27	826.83	888.75	950.99	1013.39	1076.18	1139.21	1202.86
40	643.70	704.86	766.29	827.86	889.78	952.03	1014.43	1077.23	1140.26	1203.92
41	644.71	705.88	767.31	828.89	890.82	953.07	1015.47	1078.28	1141.32	1204.98
42	645.73	706.90	768.34	829.93	891.85	954.11	1016.51	1079.33	1142.37	1206.04
43	646.74	707.92	769.36	830.96	892.88	955.15	1017.55	1080.38	1143.42	1207.10
44	647.76	708.94	770.39	831.99	893.92	956.19	1018.59	1081.43	1144.48	1208.16
45	648.78	709.96	771.41	833.03	894.95	957.23	1019.63	1082.48	1145.53	1209.22
46	649.79	710.98	772.44	834.06	895.98	958.27	1020.67	1083.53	1146.59	1210.28
47	650.81	712.00	773.46	835.09	897.02	959.30	1021.71	1084.58	1147.65	1211.34
48	651.83	713.02	774.49	836.13	898.05	960.34	1022.75	1085.63	1148.71	1212.40
49	652.84	714.05	775.51	837.16	899.09	961.38	1023.79	1086.68	1149.77	1213.46
50	653.86	715.07	776.53	838.19	900.12	962.42	1024.83	1087.73	1150.83	1214.52
51	654.88	716.10	777.56	839.22	901.16	963.45	1025.87	1088.78	1151.89	1215.58
52	655.90	717.12	778.58	840.26	902.19	964.49	1026.91	1089.83	1152.96	1216.64
53	656.91	718.15	779.61	841.29	903.22	965.53	1027.95	1090.88	1154.02	1217.70
54	657.93	719.17	780.63	842.32	904.26	966.57	1028.99	1091.93	1155.08	1218.76
55	658.95	720.20	781.65	843.36	905.29	967.60	1030.03	1092.98	1156.15	1219.82
56	659.96	721.22	782.68	844.39	906.33	968.64	1031.08	1094.03	1157.21	1220.88
57	660.98	722.25	783.70	845.43	907.36	969.68	1032.12	1095.08	1158.28	1221.94
58	662.00	723.27	784.73	846.46	908.40	970.72	1033.16	1096.13	1159.35	1223.00
59	663.02	724.30	785.75	847.50	909.44	971.76	1034.20	1097.18	1160.42	1224.07
M D	M. P. 10°	M. P. 11°	M. P. 12°	M. P. 13°	M. P. 14°	M. P. 15°	M. P. 16°	M. P. 17°	M. P. 18°	M. P. 19°

D M	20° M. P.	21° M. P.	22° M. P.	23° M. P.	24° M. P.	25° M. P.	26° M. P.	27° M. P.	28° M. P.	29° M. P.
0	1225.14	1289.17	1353.67	1418.61	1484.07	1550.07	1616.44	1683.51	1751.16	1819.60
1	1226.21	1290.25	1354.75	1419.70	1485.16	1551.17	1617.56	1684.64	1752.28	1820.65
2	1227.28	1291.32	1355.84	1420.80	1486.25	1552.27	1618.68	1685.77	1753.42	1821.80
3	1228.35	1292.40	1356.92	1421.90	1487.35	1553.38	1619.79	1686.89	1754.56	1822.94
4	1229.42	1293.47	1358.00	1423.00	1488.44	1554.48	1620.91	1688.01	1755.70	1824.09
5	1230.49	1294.55	1359.08	1424.09	1489.54	1555.58	1622.02	1689.14	1756.84	1825.24
6	1231.56	1295.62	1360.17	1425.18	1490.64	1556.68	1623.14	1690.27	1757.98	1826.38
7	1232.63	1296.69	1361.25	1426.27	1491.74	1557.78	1624.25	1691.39	1759.12	1827.53
8	1233.70	1297.77	1362.33	1427.36	1492.84	1558.88	1625.37	1692.52	1760.26	1828.68
9	1234.76	1298.85	1363.42	1428.45	1493.94	1559.98	1626.48	1693.65	1761.39	1829.82
10	1235.83	1299.92	1364.50	1429.54	1495.04	1561.08	1627.60	1694.77	1762.53	1830.97
11	1236.90	1301.00	1365.58	1430.63	1496.14	1562.18	1628.71	1695.90	1763.66	1832.12
12	1237.97	1302.07	1366.66	1431.72	1497.24	1563.29	1629.83	1697.03	1764.80	1833.26
13	1239.04	1303.15	1367.75	1432.81	1498.34	1564.39	1630.95	1698.15	1765.94	1834.41
14	1240.10	1304.22	1368.83	1433.90	1499.44	1565.49	1632.07	1699.28	1767.08	1835.55
15	1241.17	1305.30	1369.91	1434.99	1500.54	1566.59	1633.18	1700.41	1768.22	1836.70
16	1242.24	1306.37	1370.99	1436.09	1501.64	1567.69	1634.30	1701.53	1769.36	1837.84
17	1243.31	1307.45	1372.07	1437.18	1502.74	1568.79	1635.41	1702.66	1770.49	1838.99
18	1244.38	1308.52	1373.15	1438.27	1503.84	1569.89	1636.53	1703.79	1771.63	1840.14
19	1245.44	1309.60	1374.23	1439.36	1504.94	1571.00	1637.64	1704.91	1772.77	1841.28
20	1246.51	1310.67	1375.31	1440.45	1506.04	1572.10	1638.76	1706.04	1773.91	1842.43
21	1247.58	1311.75	1376.39	1441.54	1507.14	1573.20	1639.88	1707.17	1775.04	1843.58
22	1248.64	1312.82	1377.47	1442.63	1508.24	1574.31	1641.00	1708.29	1776.18	1844.72
23	1249.71	1313.90	1378.55	1443.72	1509.34	1575.41	1642.11	1709.42	1777.32	1845.87
24	1250.77	1314.97	1379.63	1444.81	1510.44	1576.52	1643.23	1710.55	1778.46	1847.02
25	1251.84	1316.04	1380.71	1445.90	1511.54	1577.62	1644.35	1711.67	1779.60	1848.16
26	1252.90	1317.12	1381.79	1446.99	1512.64	1578.73	1645.47	1712.79	1780.74	1849.30
27	1253.97	1318.19	1382.87	1448.08	1513.74	1579.83	1646.59	1713.92	1781.88	1850.45
28	1255.03	1319.27	1383.95	1449.17	1514.84	1580.94	1647.70	1715.05	1783.02	1851.60
29	1256.10	1320.34	1385.04	1450.26	1515.94	1582.04	1648.82	1716.17	1784.16	1852.74
30	1257.17	1321.42	1386.12	1451.35	1517.05	1583.15	1649.94	1717.30	1785.30	1853.89
31	1258.23	1322.49	1387.20	1452.44	1518.15	1584.25	1651.05	1718.43	1786.44	1855.03
32	1259.30	1323.57	1388.28	1453.53	1519.25	1585.36	1652.17	1719.55	1787.58	1856.18
33	1260.36	1324.64	1389.37	1454.62	1520.35	1586.46	1653.29	1720.68	1788.72	1857.32
34	1261.43	1325.72	1390.45	1455.71	1521.45	1587.57	1654.41	1721.81	1789.86	1858.47
35	1262.49	1326.79	1391.53	1456.80	1522.55	1588.67	1655.52	1722.93	1791.00	1859.62
36	1263.56	1327.87	1392.62	1457.89	1523.65	1589.78	1656.64	1724.06	1792.14	1860.76
37	1264.62	1328.94	1393.70	1458.98	1524.75	1590.89	1657.76	1725.19	1793.28	1861.90
38	1265.69	1330.02	1394.78	1460.07	1525.85	1592.00	1658.88	1726.31	1794.42	1863.05
39	1266.76	1331.09	1395.87	1461.16	1526.95	1593.11	1659.99	1727.44	1795.56	1864.20
40	1267.82	1332.17	1396.95	1462.25	1528.05	1594.22	1661.11	1728.57	1796.70	1865.34
41	1268.89	1333.24	1398.03	1463.34	1529.15	1595.33	1662.23	1729.69	1797.84	1866.49
42	1269.95	1334.32	1399.11	1464.43	1530.25	1596.44	1663.35	1730.82	1798.98	1867.64
43	1271.02	1335.39	1400.20	1465.52	1531.35	1597.56	1664.47	1731.95	1800.12	1868.78
44	1272.08	1336.47	1401.28	1466.61	1532.45	1598.67	1665.59	1733.07	1801.26	1869.93
45	1273.15	1337.54	1402.36	1467.70	1533.56	1599.78	1666.71	1734.20	1802.40	1871.07
46	1274.22	1338.62	1403.45	1468.79	1534.66	1600.89	1667.83	1735.33	1803.54	1872.22
43	1275.29	1339.69	1404.53	1469.88	1535.76	1602.00	1668.95	1736.45	1804.68	1873.37
48	1276.35	1340.77	1405.61	1470.97	1536.86	1603.11	1670.07	1737.58	1805.82	1874.51
49	1277.42	1341.84	1406.70	1472.06	1537.96	1604.22	1671.19	1738.71	1806.96	1875.66
50	1278.49	1342.92	1407.78	1473.15	1539.06	1605.33	1672.21	1739.83	1808.09	1876.81
51	1279.56	1343.99	1408.86	1474.24	1539.16	1606.44	1673.43	1740.96	1809.23	1877.95
52	1280.62	1345.07	1409.95	1475.34	1541.26	1607.55	1674.55	1742.09	1810.37	1879.10
53	1281.69	1346.14	1411.03	1476.43	1542.36	1608.66	1675.67	1743.22	1811.51	1880.25
54	1282.76	1347.22	1412.11	1477.52	1543.47	1609.77	1676.79	1744.35	1812.65	1881.40
55	1288.82	1348.29	1413.20	1478.61	1544.57	1610.88	1677.91	1745.48	1813.79	1882.56
56	1284.89	1349.37	1414.28	1479.70	1545.67	1611.99	1679.03	1746.61	1814.93	1883.71
57	1285.96	1350.44	1415.36	1480.79	1546.77	1613.10	1680.15	1747.74	1816.07	1884.86
58	1287.03	1351.52	1416.45	1481.88	1547.87	1614.21	1681.27	1748.87	1817.21	1886.02
59	1288.10	1352.59	1417.35	1482.98	1548.97	1615.32	1682.39	1750.00	1818.35	1887.17
M D	M. P. 20°	M. P. 21°	M. P. 22°	M. P. 23°	M. P. 24°	M. P. 25°	M. P. 26°	M. P. 27°	M. P. 28°	M. P. 29°

M	30° M. P.	31° M. P.	32° M. P.	33° M. P.	34° M. P.	35° M. P.	36° M. P.	37° M. P.	38° M. P.	39° M. P.
0	1888.33	1958.04	2028.39	2099.64	2171.56	2244.35	2318.05	2392.69	2468.26	2545.60
1	1889.49	1959.21	2029.57	2100.74	2172.77	2245.57	2319.29	2393.94	2469.53	2546.28
2	1890.65	1960.38	2030.75	2101.84	2173.98	2246.79	2320.53	2395.20	2470.80	2547.56
3	1891.81	1961.55	2031.93	2103.04	2175.18	2248.01	2321.77	2396.45	2472.07	2548.84
4	1892.97	1962.72	2033.11	2104.24	2176.39	2249.23	2323.01	2397.70	2473.34	2550.12
5	1894.13	1963.89	2034.29	2105.45	2177.60	2250.45	2324.25	2398.96	2474.61	2551.40
6	1895.29	1965.06	2035.47	2106.64	2178.80	2251.67	2325.49	2400.21	2475.88	2552.68
7	1896.45	1966.23	2036.65	2107.84	2180.01	2252.89	2326.73	2401.46	2477.15	2553.96
8	1897.61	1967.40	2037.83	2109.05	2181.22	2254.10	2327.97	2402.72	2478.42	2555.24
9	1898.77	1968.57	2039.01	2110.25	2182.43	2255.32	2329.21	2403.97	2479.69	2556.52
10	1899.93	1969.74	2040.19	2111.45	2183.64	2256.54	2330.45	2405.22	2480.96	2557.80
11	1901.10	1970.91	2041.37	2112.65	2184.84	2257.77	2331.69	2406.48	2482.23	2559.08
12	1902.24	1972.08	2042.55	2113.85	2186.05	2258.99	2332.93	2407.74	2483.50	2560.36
13	1903.40	1973.25	2043.73	2115.05	2187.26	2260.22	2334.17	2408.99	2484.77	2561.64
14	1904.66	1974.42	2044.91	2116.25	2188.47	2261.45	2335.41	2410.25	2486.04	2562.92
15	1905.73	1975.59	2046.09	2117.45	2189.68	2262.67	2336.65	2411.51	2487.31	2564.20
16	1906.90	1976.76	2047.27	2118.65	2190.88	2263.90	2337.89	2412.77	2488.58	2565.59
17	1908.06	1977.93	2048.45	2119 85	2192.09	2265.12	2339.13	2414.03	2485.85	2566.87
18	1909.22	1979.10	2049.63	2121.05	2193.30	2266.35	2340.37	2415.28	2491.12	2568.15
19	1910.39	1980.27	2050.81	2122.25	2194.51	2267.57	2341.61	2416.54	2492.39	2569.43
20	1911.55	1981.44	2052.00	2123.45	2195.72	2268.80	2342.83	2417.80	2493.66	2570.71
21	1912.71	1982.61	2053.18	2124.65	2196.93	2270.02	2344.09	2414.05	2494.94	2572.01
22	1913.87	1983.78	2054.37	2125.85	2198.15	2271.24	2345.33	2420.31	2496.22	2573.31
23	1915.04	1984.95	2055.56	2127.05	2199.36	2272.47	2346.57	2421.56	2497.50	2574.61
24	1916.21	1986.12	2056.75	2128.25	2200.57	2277.70	2347.81	2422.81	2498.79	2575.90
25	1917.38	1987.29	2057.93	2129.45	2201.78	2274.92	2349.05	2424.07	2500.07	2577.20
26	1918.55	1988.46	2059.12	2130.65	2202.99	2276.14	2350.29	2425.32	2501.35	2578.50
27	1919.71	1989.63	2060.31	2131.86	2204.28	2277.37	2351.53	2426.57	2502.63	2579.80
28	1920.87	1990.80	2061.50	2133.06	2205.42	2278.59	2352.77	2427.82	2503.92	2581.10
29	1922.03	1991.97	2062.68	2134.26	2206.63	2279.81	2354.01	2429.07	2505.20	2582.40
30	1923.20	1993.15	2063.87	2135.46	2207.85	2281.04	2355.25	2430.33	2506.49	2583.70
31	1924.36	1994.32	2065.06	2136.66	2209.06	2282.27	2356.49	2431.59	2507.77	2585.00
32	1925.52	1995.49	2066.24	2137.86	2210.27	2283.50	2357.73	2432.85	2509.05	2586.30
33	1926.68	1996.66	2067.43	2139.06	2211.48	2284.73	2358.97	2434.22	2510.34	2587.60
34	1927.84	1997.83	2068.62	2140.26	2212.70	2285.96	2360.21	2435.47	2511.62	2588.90
35	1928.96	1999.00	2069.81	2141.46	2213.91	2287.19	2361.45	2436.73	2512.90	2590.20
36	1930.12	2000.17	2071.00	2142.67	2215.13	2288.42	2362.69	2437.99	2514.18	2591.50
37	1931.28	2001.34	2072.19	2143.87	2216.34	2289.65	2363.93	2439.25	2515.47	2592.80
38	1932.44	2002.51	2073.38	2145.07	2217.56	2290.88	2365.17	2440.50	2516.75	2594.10
39	1933.60	2003.68	2074.57	2146.27	2218.77	2292.11	2366.41	2441.76	2518.03	2595.30
40	1934.76	2004.85	2075.76	2147.47	2219.99	2293.35	2367.65	2443.02	2519.32	2596.70
41	1935.92	2006.02	2076.95	2148.67	2221.20	2294.59	2368.90	2444.28	2520.60	2598.00
42	1937.08	2007.20	2078.14	2149.87	2222.42	2295.83	2370.15	2445.54	2521.89	2599.30
43	1938.24	2008.37	2079.33	2151.07	2223.64	2297.07	2371.40	2446.80	2523.18	2600.60
44	1939.40	2009.55	2080.52	2152.27	2224.85	2298.31	2372.65	2448.06	2524.46	2601.91
45	1940.56	2010.73	2081.71	2153.47	2226.07	2299.55	2373.90	2449.32	2525.75	2603.21
46	1941.72	2011.91	2082.90	2154.67	2227.29	2300.79	2375.15	2450.58	2527.03	2604.51
47	1942.88	2013.08	2084.09	2155.88	2228.50	2302.03	2376.40	2451.84	2528.32	2605.81
48	1944.04	2014.26	2085.28	2157.08	2229.72	2303.27	2377.65	2453.10	2529.60	2607.11
49	1945.20	2015.44	2086.47	2158.28	2230.94	2304.51	2378.90	2454.36	2530.88	2608.41
50	1946.36	2016.62	2087.66	2159.48	2232.16	2305.65	2380.15	2455.62	2532.16	2609.71
51	1947.53	2017.80	2088.85	2160.69	2233.38	2306.89	2381.40	2456.88	2533.44	2611.02
52	1948.69	2018.97	2090.05	2161.90	2234.60	2308.13	2382.66	2458.14	2534.73	2612.32
53	1949.86	2020.15	2091.25	2163.10	2235.82	2309.37	2383.91	2459.40	2536.01	2613.62
54	1951.03	2021.33	2092.45	2164.31	2237.04	2310.61	2385.17	2460.66	2537.29	2614.92
55	1952.19	2022.51	2093.65	2165.52	2238.26	2311.85	2386.42	2461.92	2538.57	2616.23
56	1953.36	2023.69	2094.85	2166.73	2239.48	2313.09	2387.67	2463.18	2539.86	2614.53
57	1954.53	2024.87	2096.05	2167.93	2240.70	2314.33	2388.93	2464.45	2541.14	2618.83
58	1955.70	2026.04	2097.25	2169.14	2241.92	2315.57	2390.18	2465.73	2542.43	2620.18
59	1956.87	2027.21	2098.45	2170.35	2243.14	2316.81	2391.44	2466.99	2543.71	2621.43
M	M. P.	M. P.	M. P.	M. P.	M. P.	M. P.	M. P.	M. P.	M. P.	M. P
D	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°

D M	40° M. P.	41° M. P.	42° M. P.	43° M. P.	44° M. P.	45° M. P.	46° M. P.	47° M. P.	48° M. P.	49° M. P.
0	2622.73	2701.64	2781.74	2863.12	2945.78	3029.99	3115.63	3202.78	3291.60	3382.08
1	2624.04	2702.97	2783.09	2864.49	2947.17	3031.40	3117.07	3204.25	3293.09	3383.61
2	2625.35	2704.30	2784.43	2865.86	2948.56	3032.81	3118.51	3205.72	3294.58	3385.14
3	2626.65	2705.63	2785.78	2867.23	2949.95	3034.23	3119.96	3207.18	3296.07	3386.68
4	2627.96	2707.96	2787.12	2868.60	2951.34	3035.64	3121.40	3208.65	3297.56	3388.21
5	2629.27	2708.29	2788.47	2869.96	2952.73	3037.05	3122.84	3210.12	3299.05	3389.75
6	2630.57	2709.62	2789.81	2871.33	2954.12	3038.47	3124.29	3211.58	3300.54	3391.28
7	2631.88	2710.95	2791.16	2872.70	2955.51	3039.88	3125.73	3213.05	3302.03	3392.82
8	2633.19	2712.28	2792.50	2874.07	2956.90	3041.29	3127.17	3214.52	3303.52	3394.35
9	2634.50	2713.61	2793.85	2875.44	2958.29	3042.70	3128.61	3215.98	3305.01	3395.89
10	2635.80	2714.94	2795.20	2876.80	2959.68	3044.11	3130.05	3217.44	3306.50	3396.42
11	2637.11	2716.27	2796.56	2878.17	2961.07	3045.53	3131.50	3218.92	3308.00	3398.95
12	2638.42	2717.60	2797.91	2879.54	2962.47	3046.95	3132.94	3220.40	3309.50	3400.48
13	2639.73	2718.93	2799.27	2880.91	2963.86	3048.36	3134.39	3221.87	3311.00	3402.02
14	2641.04	2720.26	2800.62	2882.28	2965.26	3049.78	3135.83	3223.34	3312.50	3403.55
15	2642.35	2721.59	2801.98	2883.65	2966.65	3051.20	3137.28	3224.82	3314.00	3405.09
16	2643.66	2722.92	2803.33	2885.02	2968.05	3052.62	3138.72	3226.29	3315.50	3406.62
17	2644.97	2724.25	2804.69	2886.39	2969.44	3054.04	3140.17	3227.76	3317.01	3408.16
18	2646.28	2725.58	2806.04	2887.76	2970.84	3055.45	3141.61	3229.23	3318.51	3409.69
19	2647.59	2726.91	2807.40	2889.13	2972.23	3056.87	3143.06	3230.71	3320.02	3411.23
20	2648.90	2728.24	2808.75	2890.50	2973.63	3058.29	3144.50	3232.18	3321.53	3412.76
21	2650.21	2729.57	2810.11	2891.88	2975.03	3059.71	3145.95	3233.66	3323.04	3414.30
22	2651.52	2730.90	2811.46	2893.25	2976.44	3061.14	3147.40	3235.14	3324.54	3415.84
23	2652.83	2732.23	2812.82	2894.63	2977.84	3062.56	3148.85	3236.61	3326.05	3417.37
24	2654.14	2733.56	2814.18	2896.01	2979.25	3064.09	3150.30	3238.09	3327.56	3418.91
25	2655.45	2734.89	2815.53	2897.39	2980.65	3065.51	3151.75	3239.57	3329.07	3420.45
26	2656.76	2736.22	2816.89	2898.76	2982.06	3066.94	3153.20	3241.05	3330.58	3421.99
27	2658.07	2737.55	2818.24	2900.14	2983.46	3068.36	3154.65	3242.53	3332.08	3423.53
28	2659.38	2738.88	2819.60	2901.52	2984.86	3069.79	3156.10	3244.00	3333.59	3425.06
29	2660.69	2740.21	2820.95	2902.89	2986.27	3071.21	3157.55	3245.48	3335.10	3426.60
30	2662.00	2741.54	2822.31	2904.27	2987.67	3072.63	3159.00	3246.96	3336.61	3428.14
31	2663.31	2742.88	2823.66	2905.65	2989.08	3074.06	3160.46	3248.44	3338.12	3429.68
32	2664.62	2744.22	2825.02	2907.03	2990.49	3075.49	3161.92	3249.93	3339.63	3431.22
33	2665.94	2745.55	2826.37	2908.41	2991.90	3076.92	3163.37	3251.41	3341.13	3432.76
34	2667.25	2746.89	2827.73	2909.79	2993.31	3078.35	3164.83	3252.90	3342.64	3434.30
35	2668.56	2748.23	2829.08	2911.17	2994.72	3079.78	3166.28	3254.38	3344.15	3435.84
36	2669.88	2749.56	2830.44	2912.54	2996.13	3081.21	3167.74	3255.86	3345.65	3437.38
37	2671.19	2750.90	2831.80	2913.92	2997.54	3082.64	3169.19	3257.35	3347.15	3438.92
38	2672.50	2752.24	2833.15	2915.30	2998.93	3084.07	3170.65	3258.83	3348.66	3440.46
39	2673.81	2753.57	2834.51	2916.68	3000.34	3085.50	3172.10	3260.32	3350.16	3442.00
40	2675.13	2754.91	2835.86	2918.06	3001.75	3086.93	3173.55	3261.80	3351.67	3443.54
41	2676.45	2756.25	2837.22	2919.45	3003.16	3088.36	3175.01	3263.29	3353.19	3445.09
42	2677.77	2757.59	2838.58	2920.83	3004.57	3089.80	3176.47	3264.77	3354.70	3447.63
43	2679.09	2758.93	2840.95	2922.22	3005.98	3091.23	3177.93	3266.26	3356.21	3448.18
44	2680.41	2760.27	2841.31	2923.60	3007.39	3092.67	3179.38	3267.75	3357.73	3449.72
45	2681.74	2761.60	2842.68	2924.99	3008.80	3094.10	3180.84	3269.23	3359.25	3451.27
46	2683.06	2762.94	2844.04	2926.37	3010.21	3095.54	3182.30	3270.72	3360.77	3452.82
47	2684.39	2764.28	2845.41	2927.76	3011.72	3096.97	3183.76	3272.21	3362.29	3454.38
48	2685.71	2765.61	2846.77	2929.14	3013.03	3098.41	3185.21	3273.70	3363.80	3455.91
49	2687.04	2766.95	2848.13	2930.53	3014.44	3099.84	3186.67	3275.19	3365.32	3457.45
50	2688.37	2768.29	2849.50	2931.92	3015.85	3101.27	3188.13	3276.68	3366.84	3459.00
51	2689.70	2769.63	2850.86	2933.31	3017.26	3102.71	3189.60	3278.17	3368.36	3460.55
52	2691.02	2770.98	2852.22	2934.70	3018.68	3104.14	3191.06	3279.66	3369.89	3461.10
53	2692.35	2772.32	2853.58	2936.08	3020.09	3105.58	3192.53	3281.16	3371.41	3463.65
54	2693.68	2773.67	2854.95	2937.47	3021.50	3107.01	3193.99	3282.65	3372.94	3465.20
55	2695.00	2775.01	2856.31	2938.86	3022.91	3108.45	3195.46	3284.14	3374.46	3466.75
56	2696.33	2776.36	2857.67	2940.24	3024.33	3109.88	3196.92	3285.64	3375.98	3468.30
57	2697.66	2777.70	2859.03	2941.63	3025.74	3111.32	3198.39	3287.13	3377.51	3469.85
58	2698.98	2778.05	2860.40	2943.02	3027.15	3112.75	3199.85	3288.62	3379.03	3471.40
59	2700.31	2780.39	2861.86	2944.40	3028.57	3114.19	3201.31	3290.11	3380.56	3472.95
M D	M. P. 40°	M. P. 41°	M. P. 42°	M. P. 43°	M. P. 44°	M. P. 45°	M. P. 46°	M. P. 47°	M. P. 48°	M. P. 49°

D M	50° M. P.	51° M. P.	52° M. P.	53° M. P.	54° M. P.	55° M. P.	56° M. P.	57° M. P.	58° M. P.	59° M. P.
0	3474.50	3568.85	3665.22	3763.80	3864.66	3967.98	4073.90	4182.69	4294.36	4409.19
1	3476.06	3570.43	3666.85	3765.46	3866.36	3969.73	4075.70	4184.48	4296.25	4411.14
2	3477.62	3572.03	3668.48	3767.13	3868.07	3971.48	4077.49	4186.32	4298.14	4413.08
3	3479.18	3573.62	3670.10	3768.79	3869.77	3973.23	4079.29	4188.17	4300.03	4415.03
4	3480.74	3575.21	3671.73	3770.45	3871.47	3974.98	4081.08	4190.01	4301.92	4416.97
5	3482.30	3576.80	3673.36	3772.12	3873.18	3976.73	4082.88	4191.86	4303.81	4418.92
6	3483.86	3578.39	3674.99	3773.78	3874.88	3978.48	4084.67	4192.70	4305.70	4420.86
7	3485.42	3579.98	3676.62	3775.44	3876.58	3980.23	4086.47	4195.55	4307.59	4422.81
8	3486.98	3581.57	3678.24	3777.10	3878.28	3981.98	4088.26	4197.39	4309.48	4424.75
9	3488.54	3583.16	3679.87	3778.77	3879.99	3983.73	4090.06	4199.24	4311.37	4426.79
10	3490.10	3584.75	3681.50	3780.43	3881.69	3985.48	4091.85	4201.08	4313.26	4428.64
11	3491.67	3586.35	3683.14	3782.11	3883.40	3987.24	4093.66	4202.93	4315.16	4430.60
12	3493.23	3587.94	3684.77	3783.78	3885.11	3988.99	4095.46	4204.78	4317.06	4432.55
13	3494.80	3589.54	3686.41	3785.46	3886.83	3990.75	4097.27	4206.63	4318.96	4434.51
14	3496.36	3591.13	3688.04	3787.13	3888.54	3992.50	4099.07	4208.48	4320.86	4436.46
15	3497.93	3592.73	3689.68	3788.81	3890.25	3994.26	4100.88	4210.33	4322.76	4438.42
16	3499.49	3594.32	3691.31	3790.48	3891.96	3996.01	4102.68	4212.18	4324.66	4440.37
17	3501.05	3595.92	3692.94	3792.16	3893.67	3997.77	4104.49	4214.03	4326.56	4442.33
18	3502.62	3597.51	3694.58	3793.83	3895.39	3999.52	4106.29	4215.88	4328.46	4444.28
19	3504.18	3599.11	3696.21	3795.51	3897.10	4001.28	4108.10	4217.73	4330.36	4446.24
20	3505.74	3600.70	3697.84	3797.18	3898.81	4003.03	4109.90	4219.58	4332.26	4448.19
21	3507.32	3602.31	3699.49	3798.85	3900.53	4004.79	4111.71	4221.44	4334.17	4450.16
22	3508.89	3603.92	3701.12	3800.53	3902.25	4006.55	4113.52	4223.29	4336.07	4452.12
23	3510.46	3605.53	3702.76	3802.20	3903.96	4008.31	4115.32	4225.15	4337.98	4454.08
24	3512.03	3607.14	3704.40	3803.88	3905.68	4010.07	4117.13	4227.00	4339.88	4456.03
25	3513.60	3608.75	3706.04	3805.56	3907.40	4011.83	4118.94	4228.86	4341.79	4458.02
26	3515.17	3610.36	3707.68	3807.23	3909.12	4013.59	4120.75	4230.71	4343.69	4459.98
27	3516.74	3611.97	3709.32	3808.91	3910.84	4015.35	4122.56	4232.57	4345.60	4461.95
28	3518.31	3613.58	3710.96	3810.58	3912.55	4017.11	4124.36	4234.42	4347.50	4463.91
29	3519.88	3615.19	3712.60	3812.26	3914.27	4018.87	4126.17	4236.28	4349.41	4465.88
30	3521.45	3616.80	3714.24	3813.94	3915.99	4020.63	4127.98	4238.13	4351.31	4467.84
31	3523.03	3618.41	3715.89	3815.63	3917.73	4022.40	4129.79	4239.99	4353.23	4469.82
32	3524.60	3620.02	3717.53	3817.31	3919.45	4024.16	4131.60	4241.86	4355.14	4471.79
33	3526.18	3621.63	3719.18	3819.00	3921.18	4025.93	4133.41	4243.72	4357.06	4473.77
34	3527.75	3623.24	3720.82	3820.68	3922.90	4027.70	4135.22	4245.59	4358.98	4475.74
35	3529.33	3624.85	3722.47	3822.37	3924.63	4029.47	4137.03	4247.45	4360.90	4477.72
36	3530.90	3626.46	3724.11	3824.06	3926.35	4031.23	4138.84	4249.32	4362.81	4479.70
37	3532.48	3628.07	3725.76	3825.74	3928.08	4033.00	4140.65	4251.18	4364.73	4481.67
38	3534.05	3629.68	3727.40	3827.43	3929.80	4034.77	4142.46	4253.05	4366.65	4483.65
39	3535.63	3631.29	3729.05	3829.11	3931.53	4036.53	4144.27	4254.91	4368.56	4485.62
40	3537.20	3632.90	3730.69	3830.80	3933.25	4038.30	4146.08	4256.78	4370.48	4487.60
41	3538.78	3634.51	3732.34	3832.49	3934.98	4040.08	4147.90	4258.65	4372.41	4489.59
42	3540.36	3636.13	3733.99	3834.18	3936.72	4041.85	4149.72	4260.53	4374.34	4491.58
43	3541.94	3637.74	3735.64	3835.87	3938.45	4043.63	4151.54	4262.40	4376.27	4493.57
44	3543.52	3639.36	3737.29	3837.56	3940.18	4045.40	4153.36	4264.28	4378.20	4495.56
45	3545.10	3640.97	3738.94	3839.25	3941.92	4047.18	4155.18	4266.15	4380.13	4497.55
46	3546.68	3642.58	3740.59	3840.94	3943.65	4048.95	4157.00	4268.03	4382.06	4499.54
47	3548.26	3644.20	3742.24	3842.63	3945.38	4050.73	4158.82	4269.90	4383.99	4501.53
48	3549.84	3645.81	3743.89	3844.32	3947.11	4052.50	4160.64	4271.78	4385.92	4503.52
49	3551.42	3647.43	3745.54	3846.01	3948.85	4054.28	4162.46	4273.65	4387.85	4505.51
50	3553.00	3649.04	3747.19	3847.70	3950.58	4056.05	4164.28	4275.53	4389.78	4507.50
51	3554.59	3650.66	3748.85	3849.40	3952.32	4057.84	4166.12	4277.41	4391.72	4509.50
52	3556.17	3652.28	3750.51	3851.09	3954.06	4059.62	4167.95	4279.30	4393.66	4511.49
53	3557.76	3653.89	3752.17	3852.79	3955.80	4061.41	4169.79	4281.18	4395.61	4513.48
54	3559.34	3655.51	3753.83	3854.48	3957.54	4063.19	4171.62	4283.07	4397.55	4515.48
55	3560.93	3658.13	3755.50	3856.18	3959.28	4064.98	4173.46	4284.95	4399.49	4517.47
56	3562.51	3658.75	3757.16	3857.88	3961.02	4066.76	4176.29	4286.84	4401.43	4519.47
57	3564.10	3660.37	3758.82	3859.57	3962.76	4068.55	4177.13	4288.72	4403.37	4521.46
58	3565.68	3661.98	3760.48	3861.27	3964.50	4070.33	4178.96	4290.60	4405.31	4523.45
59	3567.27	3663.60	3762.14	3862.96	3966.24	4072.12	4180.80	4292.48	4407.25	4525.45
M L	M. P. 50°	M. P. 51°	M. P. 52°	M. P. 53°	M. P. 54°	M. P. 55°	M. P. 56°	M. P. 57°	M. P. 58°	M. P. 59°

D. M	60° M.	61° M. P.	62° M. P.	63° M. P.	64° M. P.	65° M. P.	66° M. P.	67° M. P.	68° M. P.	69° M. P.
0	4527.44	4649.21	4775.01	4904.98	5039.43	5178.80	5323.59	5474.01	5630.92	5794.60
1	4529.45	4651.28	4777.15	4907.19	5041.72	5181.18	5326.05	5476.58	5633.58	5797.40
2	4531.45	4653.35	4779.29	4909.40	5044.00	5183.56	5328.51	5479.14	5636.24	5800.20
3	4535.46	4655.42	4781.42	4911.62	5046.29	5185.94	5330.97	5481.71	5638.90	5803.00
4	4536.46	4657.49	4783.56	4913.83	5048.58	5188.32	5333.43	5484.27	5641.56	5805.80
5	4537.47	4659.56	4785.70	4916.04	5050.87	5190.70	5335.89	5486.84	5644.22	5808.60
6	4539.47	4661.63	4787.84	4918.25	5053.15	5193.08	5338.35	5489.41	5646.90	5811.40
7	4541.48	4663.70	4789.98	4920.46	5055.44	5195.46	5340.81	5491.99	5649.58	5814.20
8	4543.48	4665.77	4792.11	4922.68	5057.73	5197.84	5343.27	5494.56	5652.26	5817.00
9	4545.49	4667.84	4794.25	4924.89	5060.01	5200.22	5345.73	5497.14	5654.94	5819.80
10	4547.49	4669.91	4796.39	4927.10	5062.30	5202.60	5348.19	5499.71	5657.62	5822.60
11	4549.51	4671.99	4798.54	4929.32	5064.60	5204.99	5350.67	5502.30	5660.33	5825.42
12	4551.52	4674.07	4800.68	4931.55	5066.90	5207.39	5353.15	5504.88	5663.01	5828.24
13	4553.54	4676.15	4802.83	4933.77	5069.20	5209.77	5355.63	5507.47	5665.71	5831.06
14	4555.55	4678.23	480 .97	4935.99	5071.50	5212.17	5358.11	5510.04	5668.40	5833.88
15	4557.57	4680.31	4807.12	4938.22	5072.80	5214.57	5360.59	5512.63	5671.10	5836.70
16	4559.58	4682.39	4809.37	4940.44	5076.10	5916.96	5363.07	5515.22	5673.81	5839.53
17	4561.60	4684.47	4811.41	4942.66	5078.40	5219.35	5965.55	5517.82	5676.52	5842.35
18	4563.61	4686.55	4813.56	4944.88	5080.70	5221.74	5368.03	5520.41	5679.23	5845.28
19	4565.63	4688.63	4815.70	4947.11	5083.00	5224.14	5370.51	5523.01	5681.94	5848.00
20	4567.64	4690.71	4817.85	4949.33	5085.30	5226.53	5372.99	5525.60	5684.64	5850.83
21	4569.66	4692.80	4820.01	4951.56	5087.62	5228.93	5375.49	5528.20	5687.35	5853.66
22	4571.69	4694.89	4822.16	4953.79	5089.94	5231.33	5377.99	5530.80	5690.05	5856.50
23	4573.71	4696.98	4824.32	4956.02	5092.26	5233.73	5380.49	5533.39	5692.76	5859.33
24	4575.74	4699.07	4826.47	4958.25	5094.58	5236.13	5382.99	5535.99	5695.48	5862.17
25	4577.76	4701.16	4828.63	4960.48	5096.90	5238.53	5385.49	5538.59	5698.19	5865.00
26	4579.78	4703.25	4830.78	4962.71	5099.22	5240.93	5387.99	5541.20	5700.91	5867.85
27	4581.81	4705.34	4832.94	4964.94	5101.54	5243.33	5390.49	5543.80	5703.64	5870.71
28	4583.83	4707.43	4835.09	4967.17	5103.86	5245.73	5392.99	5546.41	5706.37	5873.57
29	4585.85	4709.52	4837.25	4969.40	5106.18	5248.13	5395.49	5549.01	5709.09	5876.42
30	4587.87	4711.61	4839.40	4971.63	5108.50	5250.53	5398.00	5551.62	5711.82	5879.28
31	4589.91	4713.71	4841.58	4973.88	5110.83	5252.94	5400.51	5554.24	5714.55	5882.13
32	4591.94	4715.81	4843.75	4976.13	5113.16	5255.36	5403.03	5556.85	5717.28	5884.99
33	4593.98	4717.91	4845.93	4978.38	5116.49	5257.78	5405.55	5559.47	5720.01	5887.84
34	4596.01	4720.01	4848.11	4980.63	5117.82	5260.20	5408.07	5562.08	5722.74	5890.70
35	4598.05	4722.11	4850.29	4982.88	5120.15	5262.62	5410.59	5564.70	5725.47	5893.55
36	4600.08	4724.21	4852.46	4985.13	5122.48	5265.04	5413.11	5567.32	5728.22	5896.42
37	4602.11	4726.31	4854.64	4987.38	5124.81	5267.46	5415.63	5569.94	5730.97	5899.28
38	4604.14	4728.41	4856.82	4989.63	5127.14	5269.87	5418.15	5572.57	5733.72	5902.15
39	4606.18	4730.51	4858.99	4991.88	5129.47	5272.29	5420.67	5575.20	5736.47	5905.01
40	4608.21	4732.61	4861.17	4994.13	5131.80	5274.71	5423.20	5577.82	5739.22	5907.88
41	4610.26	4734.78	4863.35	4996.39	5134.15	5277.14	5425.66	5580.46	5741.97	5910.77
42	4612.30	4736.85	4865.68	4998.65	5136.50	5279.57	5428.18	5583.10	5744.72	5913.67
43	4614.35	4738.97	4867.70	5000.91	5138.85	5282.00	5430.72	5585.74	5747.47	5916.56
44	4616.39	4741.09	4869.87	5003.17	5141.20	5284.43	5433.25	5588.38	5750.22	5919.46
45	4618.44	4743.21	4872.05	5005.43	5143.55	5286.86	5435.79	5591.02	5752.97	5922.35
46	4620.48	4745.33	4874.22	5007.69	5145.90	5289.29	5438.32	5593.67	5755.74	5925.25
47	4622.53	4747.45	4876.40	5009.95	5148.25	5291.72	5440.85	5596.32	5758.50	5928.14
48	4624.57	4749.57	4878.57	5012.21	5150.60	5294.15	5443.39	5598.97	5761.27	5931.04
49	4626.61	4751.69	4880.75	5014.47	5152.95	5296.58	5445.92	5601.62	5764.03	5933.93
50	4628.66	4753.81	4882.92	5016.73	5155.30	5299.01	5448.46	5604.37	5766.80	5936.83
51	4630.72	4755.98	4885.13	5019.00	5157.65	5301.47	5451.00	5607.02	5769.57	5939.75
52	4632.77	4758.05	4887.33	5021.27	5160.00	5303.93	5453.55	5609.67	5772.34	5942.67
53	4634.83	4760.17	4889.54	5023.54	5162.35	5306.38	5456.11	5612.32	5775.12	5945.59
54	4636.88	4762.29	4891.74	5025.81	5164.70	5308.84	5458.66	5614.98	5777.90	5948.52
55	4638.94	4764.41	4898.95	5028.08	5167.05	5311.20	5461.22	5617.63	5780.67	5951.44
56	4640.99	4766.53	4896.15	5030.35	5169.40	5313.76	5463.78	5620.29	5783.45	5954.35
57	4643.05	4768.65	4898.36	5032.62	5171.75	5316.22	5466.33	5622.94	5786.25	5957.27
58	4645.10	4770.77	4900.56	5034.89	5174.10	5318.67	5468.89	5625.60	5789.03	5960.19
59	4647.16	4772.89	4902.77	5037.16	5176.45	5321.13	5471.45	5628.25	5791.81	5963.10
M. D.	M. P. 69°	M. P. 61°	M. P. 62°	M. P. 63°	M. P. 64°	M. P. 65°	M. P. 66°	M. P. 67°	M. P. 68°	M. P. 69°

D M	70° M. P.	71° M. P.	72° M. P.	73° M. P.	74° M. P.	75° M. P.	76° M. P.	77° M. P.	78° M. P.	79° M. P.
0	5966.02	6145.71	6334.86	6534.48	6745.69	6970.30	7210.08	7467.17	7744.65	8045.78
1	5968.93	6148.76	6338.10	6537.90	6749.33	6974.18	7214.22	7471.63	7749.46	8050.97
2	5971.84	6151.81	6341.34	6541.32	6752.96	6978.07	7218.35	7476.09	7754.27	8056.23
3	5974.75	6154.86	6344.58	6544.74	6756.60	6981.96	7222.50	7480.56	7759.08	8061.50
4	5977.66	6157.91	6347.82	6548.17	6760.25	6985.85	7226.65	7485.03	7763.89	8066.77
5	5980.57	6160.96	6351.06	6551.60	6763.91	6989.74	7230.81	7489.50	7768.71	8072.05
6	5983.50	6164.05	6354.32	6555.03	6767.56	6993.63	7234.96	7493.98	7773.54	8077.34
7	5986.44	6167.15	6357.58	6558.47	6771.22	6997.53	7239.11	7498.46	7778.39	8082.63
8	5989.38	6170.26	6360.84	6561.90	6774.88	7001.43	7243.27	7502.94	7783.24	8087.93
9	5992.33	6173.36	6364.10	6565.33	6778.54	7005.34	7247.44	7507.42	7788.10	8093.23
10	5995.27	6176.47	6367.37	6568.80	6782.20	7009.24	7251.60	7511.90	7792.96	8098.54
11	5998.23	6179.60	6370.63	6572.26	6785.85	7013.13	7255.81	7516.40	7797.84	8103.83
12	6001.19	6182.75	6373.89	6575.70	6789.52	7017.02	7260.02	7520.90	7802.73	8109.19
13	6004.15	6185.90	6377.15	6579.16	6793.21	7020.93	7264.24	7525.41	7807.63	8114.53
14	6007.11	6189.07	6380.42	6582.63	6796.89	7024.86	7268.44	7529.93	7812.54	8119.87
15	6010.07	6192.12	6383.68	6586.09	6800.57	7028.80	7272.65	7534.45	7817.44	8125.22
16	6013.04	6195.23	6386.99	6589.54	6804.25	7032.75	7276.87	7539.98	7822.34	8130.58
17	6016.01	6198.35	6390.29	6593.02	6807.94	7036.67	7281.09	7543.52	7827.25	8135.94
18	6018.98	6201.48	6393.60	6596.49	6811.62	7040.60	7285.31	7548.06	7832.16	8141.31
19	6021.95	6204.61	6396.90	6599.97	6815.31	7044.53	7289.53	7552.62	7837.08	8146.69
20	6024.92	6207.74	6400.20	6603.44	6819.00	7048.47	7293.75	7557.18	7842.00	8152.08
21	6027.90	6210.86	6403.51	6606.93	6823.71	7052.42	7297.97	7561.74	7846.96	8157.48
22	6030.87	6213.99	6406.82	6610.42	6826.42	7056.37	7302.20	7566.32	7851.93	8162.89
23	6033.85	6217.11	6410.13	6613.91	6830.14	7060.32	7306.43	7570.90	7856.50	8168.31
24	6036.82	6220.23	6413.44	6617.40	6834.85	7064.27	7310.66	7575.48	7861.88	8173.73
25	6039.80	6223.36	6416.75	6620.90	6838.57	7068.23	7314.89	7580.07	7866.86	8179.16
26	6042.78	6226.49	6420.07	6624.41	6841.29	7072.19	7319.14	7584.66	7871.84	8184.60
27	6045.77	6229.62	6423.38	6627.93	6845.02	7076.16	7323.40	7589.26	7876.83	8190.05
28	6048.75	6232.75	6426.69	6631.45	6849.75	7080.13	7327.67	7593.87	7881.82	8195.51
29	6051.74	6235.88	6430.00	6634.97	6853.48	7084.11	7331.95	7598.49	7886.81	8200.98
30	6054.72	6239.01	6433.32	6638.50	6856.21	7088.09	7336.23	7603.10	7891.80	8206.46
31	6057.71	6242.16	6436.64	6642.03	6859.96	7092.09	7340.52	7607.74	7896.82	8211.96
32	6060.70	6245.31	6439.96	6645.57	6863.71	7096.10	7344.81	7612.38	7901.86	8217.46
33	6063.69	6248.46	6443.28	6649.10	6867.47	7100.12	7349.11	7617.03	7906.91	8222.97
34	6066.68	6251.61	6446.91	6652.62	6871.23	7104.14	7353.41	7621.68	7911.96	8228.49
35	6069.67	6254.76	6449.94	6656.14	6874.99	7108.17	7357.72	7626.34	7917.01	8234.02
36	6072.69	6257.98	6453.28	6659.67	6878.75	7112.20	7362.04	7630.99	7922.07	8239.56
37	6075.71	6261.11	6456.62	6663.21	6882.51	7116.23	7366.37	7635.65	7927.13	8245.11
38	6078.73	6264.80	6459.96	6666.76	6886.27	7120.26	7370.71	7640.31	7932.20	8250.67
39	6081.75	6267.48	6463.30	6670.31	6890.05	7124.30	7375.05	7644.97	7937.27	8256.23
40	6084.77	6270.66	6466.65	6673.87	6893.82	7128.34	7379.39	7649.63	7942.37	8261.80
41	6087.80	6273.85	6470.00	6677.43	6897.62	7132.39	7383.74	7654.32	7947.48	8267.38
42	6090.84	6277.05	6473.35	6680.99	6901.41	7136.48	7388.10	7659.01	7952.60	8272.97
43	6093.88	6280.26	6476.72	6684.57	6905.20	7140.48	7392.46	7663.70	7957.70	8278.57
44	6096.92	6283.46	6480.10	6688.15	6908.99	7144.54	7396.82	7668.41	7962.81	8284.18
45	6099.95	6286.66	6483.48	6691.73	6912.79	7148.60	7401.18	7673.12	7967.92	8289.80
46	6103.00	6289.86	6486.86	6695.31	6916.60	7152.66	7405.55	7677.83	7973.04	8295.43
47	6106.04	6293.06	6490.25	6698.89	6920.41	7156.78	7409.92	7682.55	7978.19	8301.07
48	6109.08	6296.26	6493.64	6702.47	6924.22	7160.80	7414.30	7687.29	7983.33	8306.72
49	6112.12	6299.46	6497.03	6706.05	6928.04	7164.88	7418.68	7692.03	7988.49	8312.38
50	6116.16	6302.68	6500.42	6709.63	6931.87	7168.97	7423.05	7696.78	7993.66	8318.06
51	6118.20	6305.88	6503.81	6713.23	6935.69	7173.06	7427.48	7701.54	7998.85	8323.74
52	6121.34	6309.09	6507.20	6716.88	6939.53	7177.14	7431.81	7706.30	8004.05	8329.43
53	6124.38	6312.30	6510.61	6720.48	6943.37	7181.24	7436.21	7711.87	8009.25	8335.13
54	6127.42	6315.52	6514.02	6724.04	6947.21	7185.34	7440.62	7715.84	8014.46	8340.84
55	6130.47	6318.74	6517.43	6727.64	6951.05	7189.45	7445.03	7720.62	8019.66	8346.56
56	6133.51	6321.96	6520.83	6731.24	6954.89	7193.57	7449.45	7725.40	8024.87	8352.29
57	6136.56	6325.18	6524.24	6734.86	6958.74	7197.69	7453.87	7730.20	8030.07	8358.03
58	6139.61	6328.41	6527.65	6737.47	6962.59	7201.81	7458.30	7735.01	8035.28	8363.78
59	6142.66	6331.63	6531.06	6742.08	6966.44	7205.94	7462.78	7739.83	8040.50	8369.54

M D	M. P. 70°	M. P. 71°	M. P. 72°	M. P. 73°	M. P. 74°	M. P. 75°	M. P. 76°	M. P. 77°	M. P. 78°	M.P. 79°

ERRATA

TO THE

TRAVERSE TABLES,

IN THE LAST EDITION OF

Robertson's Navigation.

° ′	For	Read	° ′	For	Read
1.0 L.	92.69	92.99	21.30D.	11.56	11.36
5.30D.	00.78	00.76	22.15D.	24.89	24.99
6.45L.	58.54	58.59	22.30L.	52.65	52.67
6.45D.	3.81	3.88		29.36	29.56
7.15D.	13.28	13.25	23.0 L.	52.46	52.47
8.0 L.	10.90	10.89	23.0 D.	04.70	04.69
	11.89	11.88	23.15D.	47.31	47.37
	12.88	12.87	23.30D.	31.00	31.50
	13 87	13.86	23.45D.	39.02	39.92
	14.86	14.85	24.15L.	41.04	41.03
8.30D.	6.60	6.65	24.45D.	33.40	33.50
9.15L.	36.53	36.52		36.61	36.01
	37.52	37.51	24.15D.	38.20	38.23
9.45L.	12.80	12.81		38.61	38.64
	9.84	9.86		39.02	39.05
	10.85	10.84		39.43	39.45
9.45D.	9.91	9.99		39.84	39.86
	12.79	12.70		40.25	40.27
10.0 L.	01.00	00.98		40.66	40.67
10.0 D.	09.75	09.72	25.30D.	33.92	34.01
10.0 L.	83.73	83.71		50.87	50.81
11.0 L.	59.93	59.90	25.45L.	84.66	84.67
11.45D.	18.38	18.33	25.45D.	47.70	47.78
13.45D.	14.82	14.03		49.54	49.52
	14.76	14.27	26.45L.	62.31	62.51
15.15D.	4.75	4.73		58.01	58.04
15.45D.	20.99	20.89	27.0 L.	81.91	81.97
16.0 D.	0.51	0.55		82.80	82.86
16.45D.	2.22	2.02		83.70	83.75
17.0 L.	24.88	24.85		84.59	84.64
	27.76	27.78		85.48	85.53
17.45L.	66.69	66.67		86.37	86.48
18.30D.	17.80	17.77		87.26	87.32
18.45D.	6.71	6.75		88.15	88.21
	36.22	36.32	27.15D.	34.14	34.34
	37.91	37.93	27.45D.	52.68	52.62
19.30D.	10.03	20.03	28. 0L.	37.79	37.97
20.0 L.	56.36	56.38		40.65	40.62
20.45D.	01.71	1.77		41.60	41.50
21.0 D.	13.99	13.98		42.41	42.38
	14.36	14.34		43.30	43.26
21.15D.	01.85	01.81	28.30L.	57.90	57.99
	36.22	36.24		58.78	58.87

° ′	For.	Read.	° ′	For.	Read.
28.30L.	59.66	59.75	36. 0L.	80.18	80.08
	60.54	60.63	36.30L.	20.20	20.10
28.30.D	32.05	32.45		20.99	20.89
	32.52	32.92		21.79	21.69
28.45L.	51.78	51.72		22.60	22.50
29. 0L.	79.69	79.59	36.30D.	26.97	26.77
	51.67	51.60	36.30L.	63.57	63.50
	48.90	48.98	37.15D.	70.27	70.21
	42.00	41.98	33. 0D.	25.80	25.86
29. 0D.	19.39	19.49	38.45D.	29.79	28.79
29.15L.	91.63	91.61	38. 0L.	52.10	52.00
29.15D.	55.87	55.21		81.45	81.95
	55.66	55.70		89.33	89.83
	56.15	56.19	38.45D.	80.40	80.33
	56.64	57.68		78.79	78.77
	57.13	57.17		53.01	53.03
	57.62	57.66	39. 0L.	83.06	83.16
	58.11	58.16		83.83	83.93
29.45L.	19.97	19.94		84.61	84.71
	69.40	69.46	39.15L.	46.40	46.46
	54.20	54.70	39.15D.	8.80	8.86
30. 0L.	92.60	92.66		78.80	70.87
30.15L.	88.90	88.98	39.30L.	10.89	10.80
30.30L.	34.40	34.46		14.60	14.66
30.45L.	48.15	48.12		21.84	20.84
31.30L.	13.04	13.64		22.61	21.61
31.30D.	9.46	9.45		23.38	22.38
31.45D.	31.54	31.04	39.30D.	63.01	63.61
32. 0D.	44.15	44.51		63.64	64.25
	62.63	62.53		64.28	64.88
32.15D.	58.19	58.69		64.92	65.52
	71.53	71.42		65.55	66.15
32.45L.	17.56	17.66		66.19	66.79
	14.14	15.12		66.82	67.43
	11.77	11.74		67.46	68.06
	10.09	17.07		68.10	68.70
	88.38	88.58		68.73	69.33
	71.53	71.49	39.45L.	47.64	47.67
	72.37	72.33		48.47	48.43
	73.21	73.18	39.45D.	43.82	44.12
	74.05	74.01	40.15L.	22.98	22.90
	74.89	74.85	40.15D.	76.13	76.23
32.45D.	39.19	39.49		76.78	78.88
33. 0L.	38.38	38.58	40.30D.	49.36	49.34
33. 0D.	52.29	52.29	41. 0L.	82.66	82.26
33.15L.	72.85	72.75		83.08	83.02
	73.69	73.59		42.92	43.02
	74.53	74.43		43.67	43.77
	91.42	91.46		44.43	44.53
33.30L.	71.77	71.71	41.15D.	75.88	75.82
33.30D.	60.77	60.71		73.83	73.85
33.45D.	49.55	49.45	41.30L.	73.10	73.40
	66.20	66.10		49.48	49.43
33.45L.	98.98	98.94	41.30D.	60.28	60.30
	62.38	62.36		60.86	60.96
	63.21	63.19		61.53	61.62
	64.04	64.02		62.19	62.29
	64.87	64.85		62.85	62.95
35.45L.	85.29	85.22		63.51	63.61
	86.08	86.03		64.18	64.27
	86.90	86.84		64.84	64.94
	87.71	87.65		65.50	65.60
	88.53	88.46	41.45L.	26.82	26.86
36. 0D.	18.40	19.40		69.38	69.34
	24.30	24.10		45.57	45.51
0L.	78.57	78.47	41.45D.	77.34	77.25
36.	79.37	79.27		78.01	77.91

° ′	For	Read	° ′	For	Read
41.45D.	78.68	78.58	43.45D.	27.60	27.66
	79.34	79.24	43.45L.	79.16	79.46
42. 0D.	26.70	26.76	44. 0D.	43.09	43.07
42. 0L.	57.51	57.54		43.86	43.76
42.30	19.71	19.17		54.29	54.19
	52.39	52.34		55.98	55.88
	15.58	15.48	44.20D.	21.06	21.66
42.45D.	25.19	25.12		21.76	22.36
	25.82	25.79		22.46	23.06
	26.50	26.47		23.16	23.76
	31.33	31.23		23.86	24.46
42.30D.	80.42	80.40		24.56	25.16
	79.74	79.72		25.26	26.86
	77.07	79.05		25.94	26.56
	42.50	42.56		26.66	27.25
43.15L.	2.93	2.91	44.40L.	12.70	12.80
43.15D.	25.35	25.25		13.41	13.51
43.45D.	28.55	28.35		84.68	84.64

In the TABLE of POINTS and QUARTER POINTS.

Points	For	Read
2 ¼L.	104.1	104. 0
	[illegible]	46.61
2 ½D.	[illegible].40	49.50
3 0L.	62.38	62.36
	63.21	63.19
	64.04	64.02
	64.87	64.85
	74.00	74.10

FINIS.

° ′	For.	Read.	° ′	For	Read
28.30L.	59.66	59.75	36. 0L.	20.18	20.08
	60.54	60.63	36.30L.	20.20	20.10
28.30.D	32.05	32.45		20.99	20.89
	32.52	32.92		21.79	21.69
28.45L.	51.78	51.72		22.60	22.50
29. 0L.	79.69	79.59	36.30D.	26.97	26.77
	51.67	51.60	36.30L.	63.57	63.50
	48.90	48.98	37.15D.	70.27	70.21
	42.00	41.98	33. 0D.	25.80	25.86
29. 0D.	19.89	19.49	38.45D.	29.79	28.79
29.15L.	91.63	91.61	38. 0L.	52.10	52.00
29.15D.	55.87	55.21		81.45	81.95
	55.66	55.70		89.33	89.83
	56.15	56.19	38.45D.	80.40	80.33
	56.64	57.68		78.79	78.77
	57.13	57.17		53.01	53.03
	57.62	57.66	39. 0L.	83.06	83.16
	58.11	58.16		83.83	83.93
29.45L.	19.97	19.94		84.61	84.71
	69.40	69.46	39.15L.	46.40	46.46
	54.20	54.70	39.15D.	8.80	8.86
30. 0L.	92.60	92.66		78.80	70.87
30.15L.	88.90	88.98	39.30L.	10.89	10.80
30.30L.	34.40	34.46		14.60	14.66
30.45L.	48.15	48.12		21.84	20.84
31.30L.	13.04	13.64		22.61	21.61
31.30D.	9.46	9.45		23.38	22.38
31.45D.	31.54	31.04	39.30D.	63.01	63.61
32. 0D.	44.15	44.51		63.64	64.25
	62.63	62.53		64.28	64.88
32.15D.	58.19	58.69		64.92	65.52
	71.53	71.42		65.55	66.15
32.45L.	17.56	17.66		66.19	66.79
	14.14	15.12		66.82	67.43
	11.77	11.74		67.46	68.06
	10.09	17.07		68.10	68.70
	38.38	38.58		68.73	69.33
	71.53	71.49	39.45L.	47.64	47.67
	72.37	72.33		48.47	48.43
	73.21	73.18	39.45D.	43.82	44.12
	74.05	74.01	40.15L.	22.98	22.90
	74.89	74.85	40.15D.	76.13	76.23
32.45D.	39.19	39.49		76.78	78.88
33. 0L.	38.38	38.58	40.30D.	49.36	49.34
33. 0D.	52.39	52.29	41. 0L.	82.66	82.26
33.15L.	72.85	72.75		83.08	83.02
	73.69	73.59		42.92	43.02
	74.53	74.43		43.67	43.77
	91.42	91.46		44.43	44.53
33.30L.	71.77	71.71	41.15D.	75.88	75.82
33.30D.	60.77	60.71		73.83	73.85
33.45D.	49.55	49.45	41.30L.	73.10	73.40
	66.20	66.10		49.48	49.43
33.45L.	98.98	98.94	41.30D.	60.28	60.30
	62.38	62.36		60.86	60.96
	63.21	63.19		61.53	61.62
	64.04	64.02		62.19	62.29
	64.87	64.85		62.85	62.95
35.45L.	85.29	85.22		63.51	63.61
	86.08	86.03		64.18	64.27
	86.90	86.84		64.84	64.94
	87.71	87.65		65.50	65.60
	88.53	88.46	41.45L.	26.82	26.86
36. 0D.	18.40	19.40		69.38	69.34
	24.30	24.10		45.57	45.51
0L.	78.57	78.47	41.45D.	77.34	77.25
36.	79.37	79.27		78.01	77.91

° ′	For	Read	° ′	For	Read
41.45D.	78.68	78.58	43.45D.	27.60	27.66
	79.34	79.24	43.45L.	79.16	79.46
42. 0D.	26.70	26.76	44. 0D.	43.09	43.07
42. 0L.	57.51	57.54		43.86	43.76
42.30	19.71	19.17		54.29	54.19
	52.39	52.34		55.98	55.88
	15.58	15.48	44.20D.	21.06	21.66
42.45D.	25.19	25.12		21.76	22.36
	25.82	25.79		22.46	23.06
	26.50	26.47		23.16	23.76
	31.33	31.23		23.86	24.46
42.30D.	80.42	80.40		24.56	25.16
	79.74	79.72		25.26	26.86
	77.07	79.05		25.94	26.56
	42.50	42.56		26.66	27.25
43.15L.	2.93	2.91	44.40L.	12.70	12.80
43.15D.	25.35	25.25		13.41	13.51
43.45D.	28.55	28.35		84.68	84.64

In the TABLE of POINTS and QUARTER POINTS.

Points	For	Read
2 ¼L.	104. 1	104. 0
	46.51	46.61
2 ½D.	49.40	49.50
3 0L.	62.38	62.36
	63.21	63.19
	64.04	64.02
	64.87	64.85
	74.00	74.10

FINIS.

MVSEVM
BRITAN
NICVM